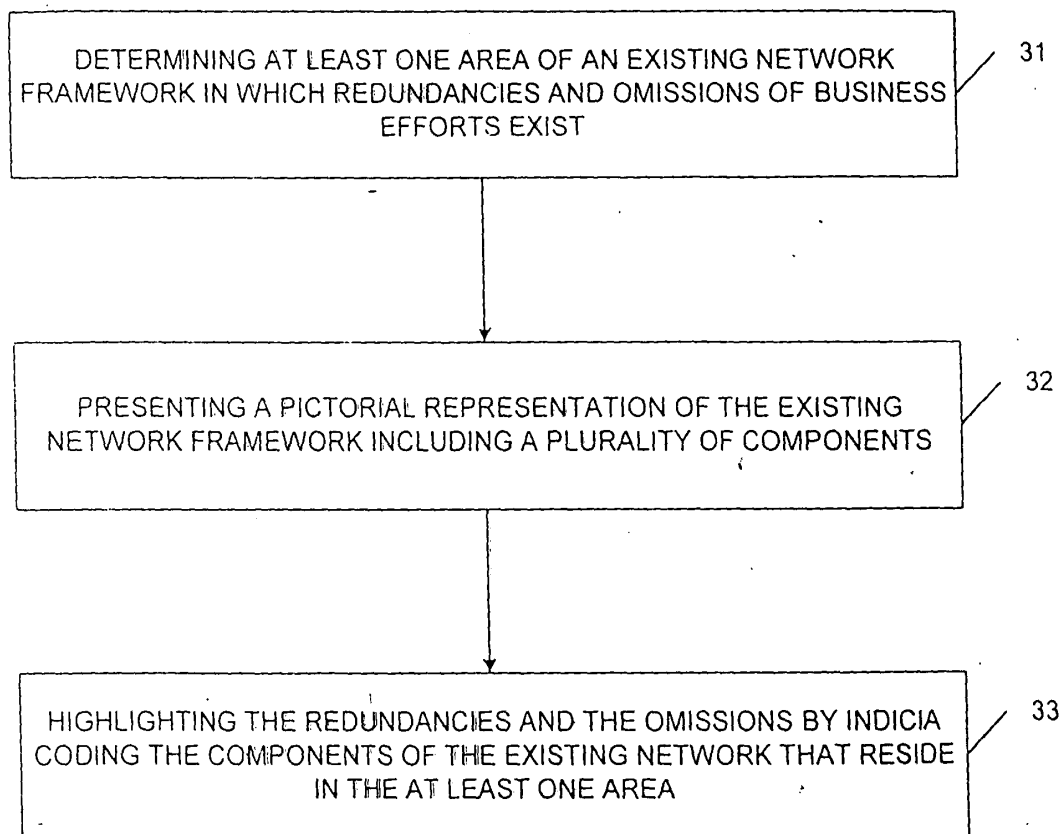
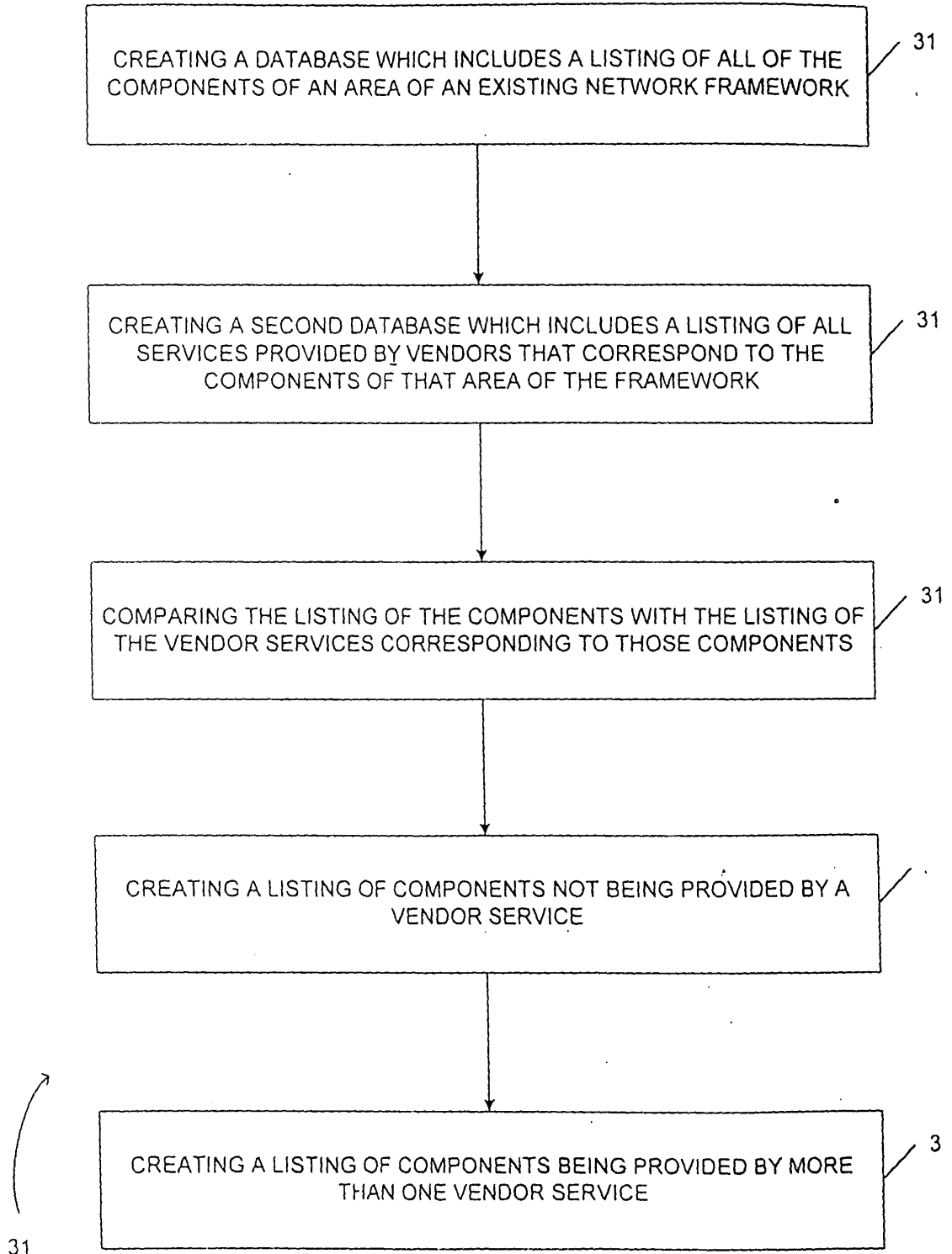


Figure 1A

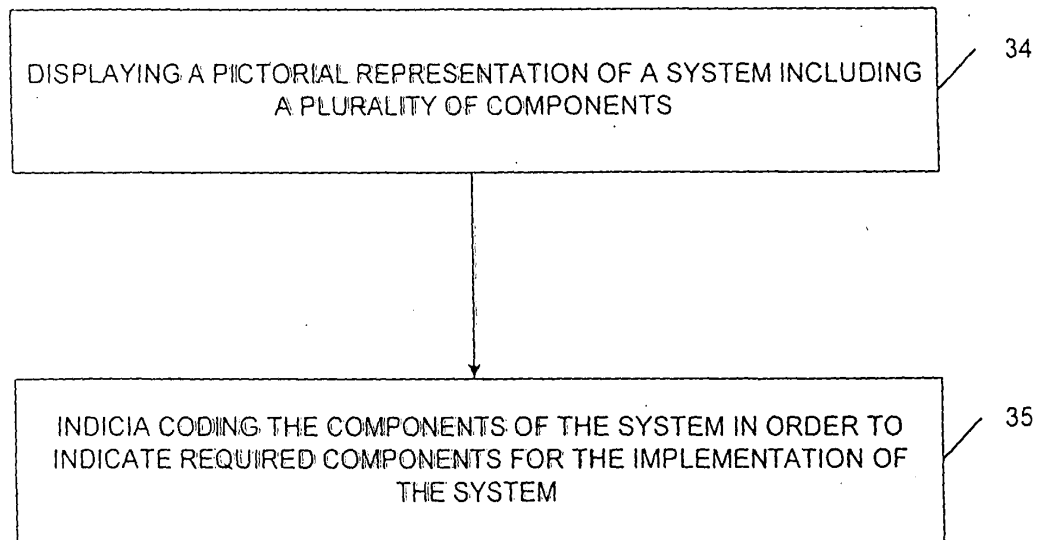


12

Figure 12



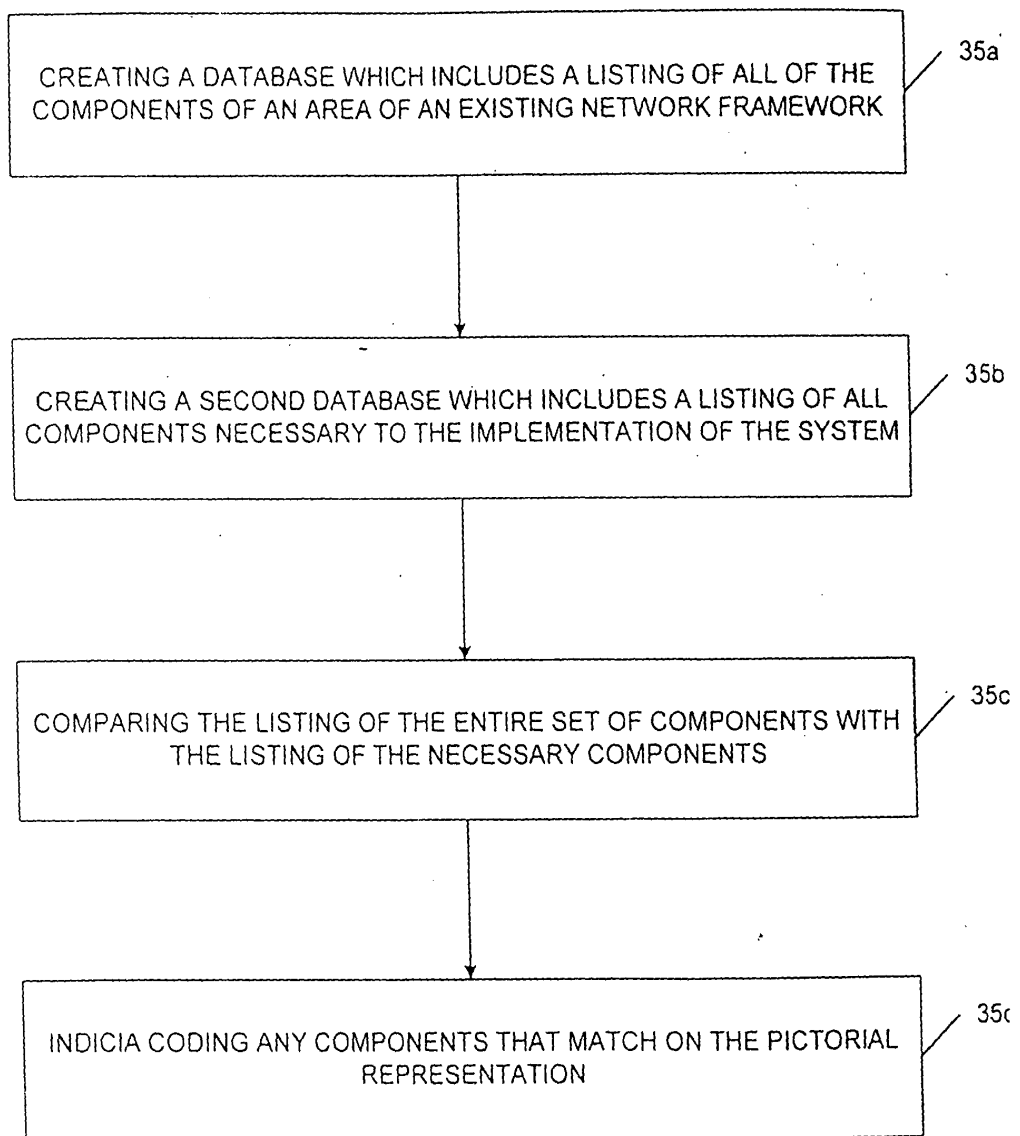
3  
Figure 1B-1



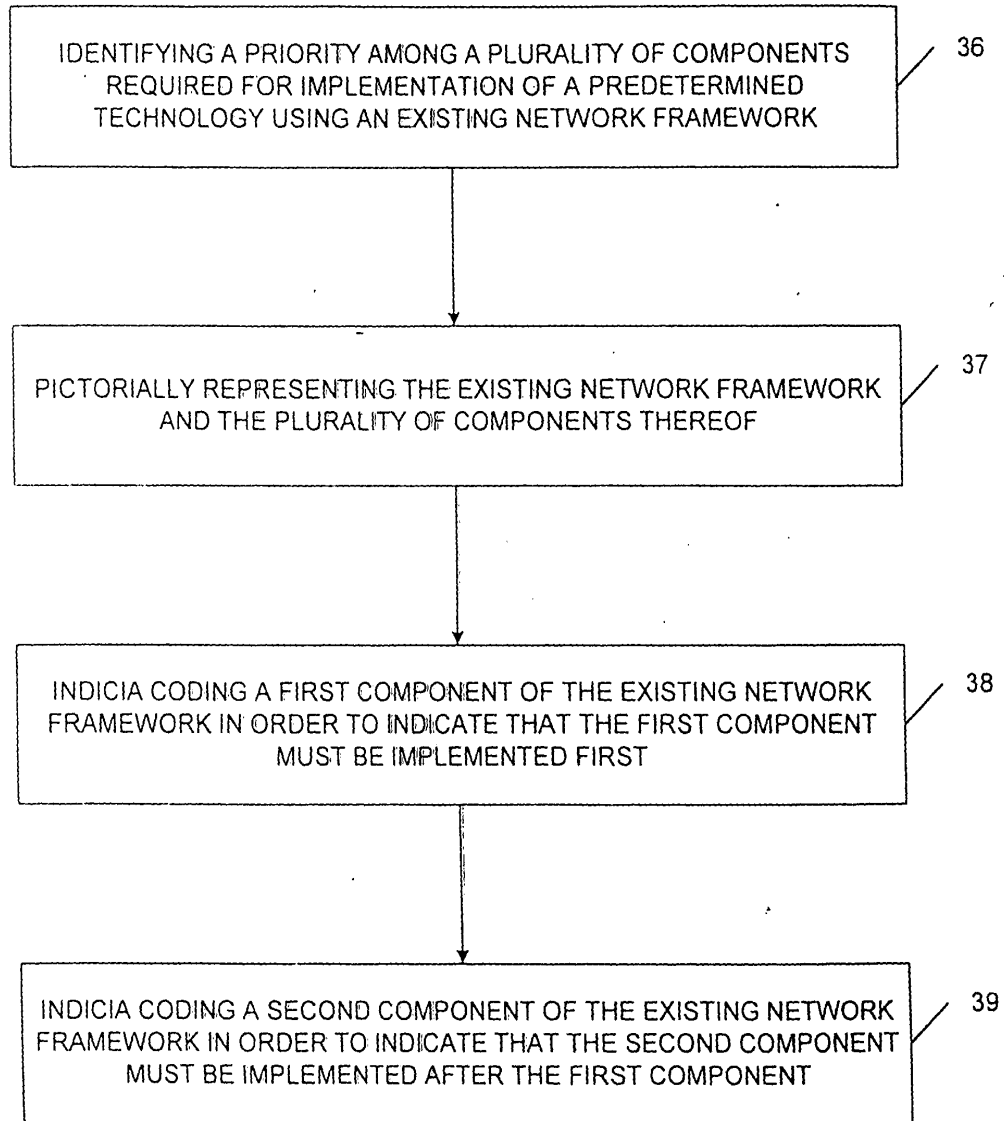
14

4

Figure 1C



35  
Figure 5  
1C-1



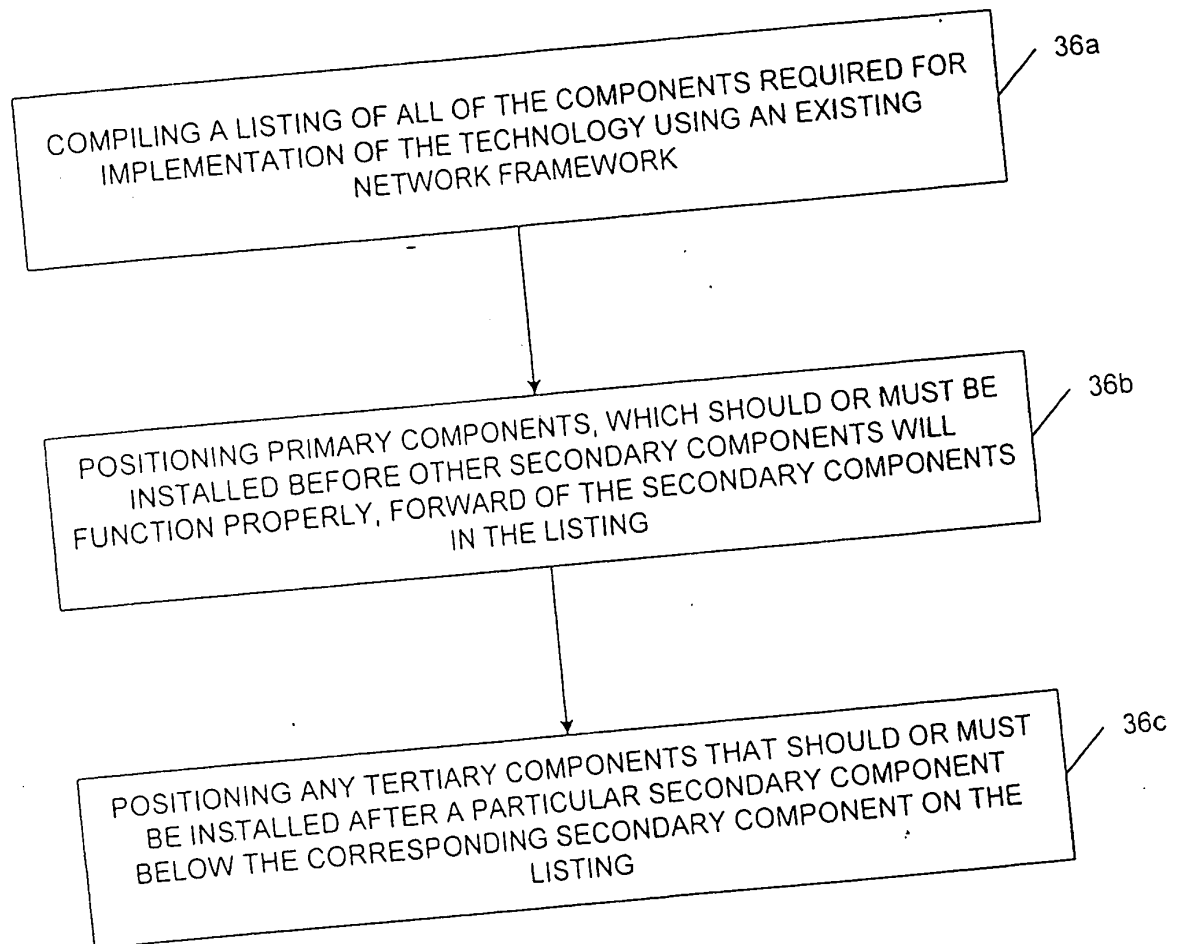


Figure 1B-1

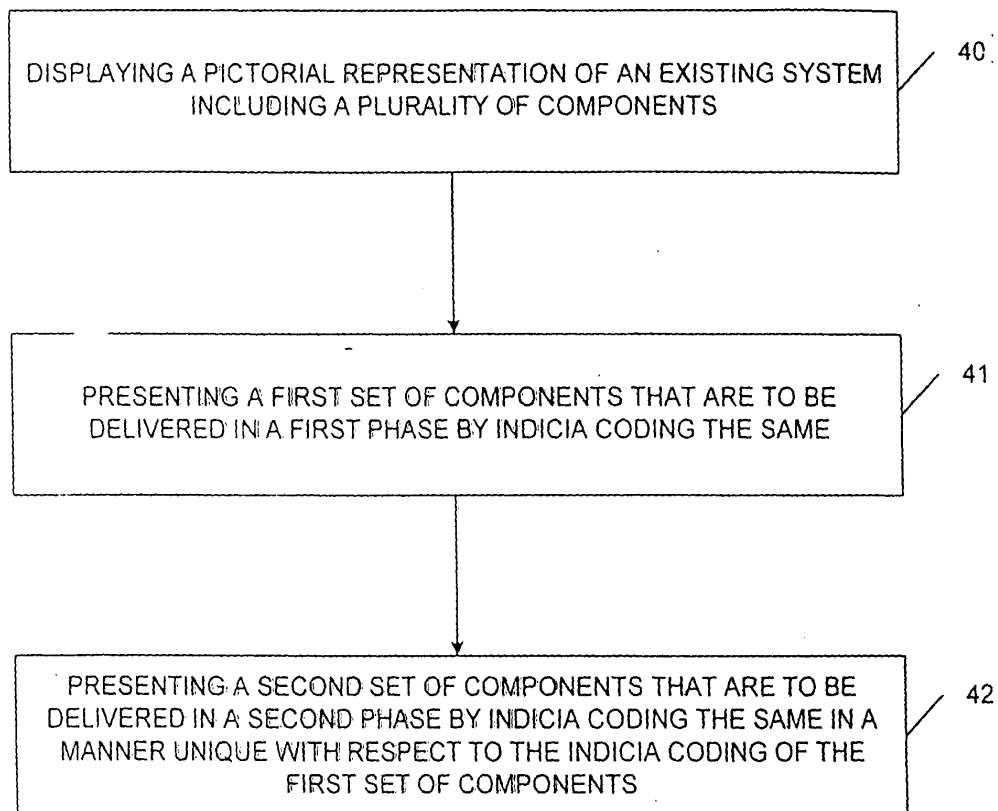
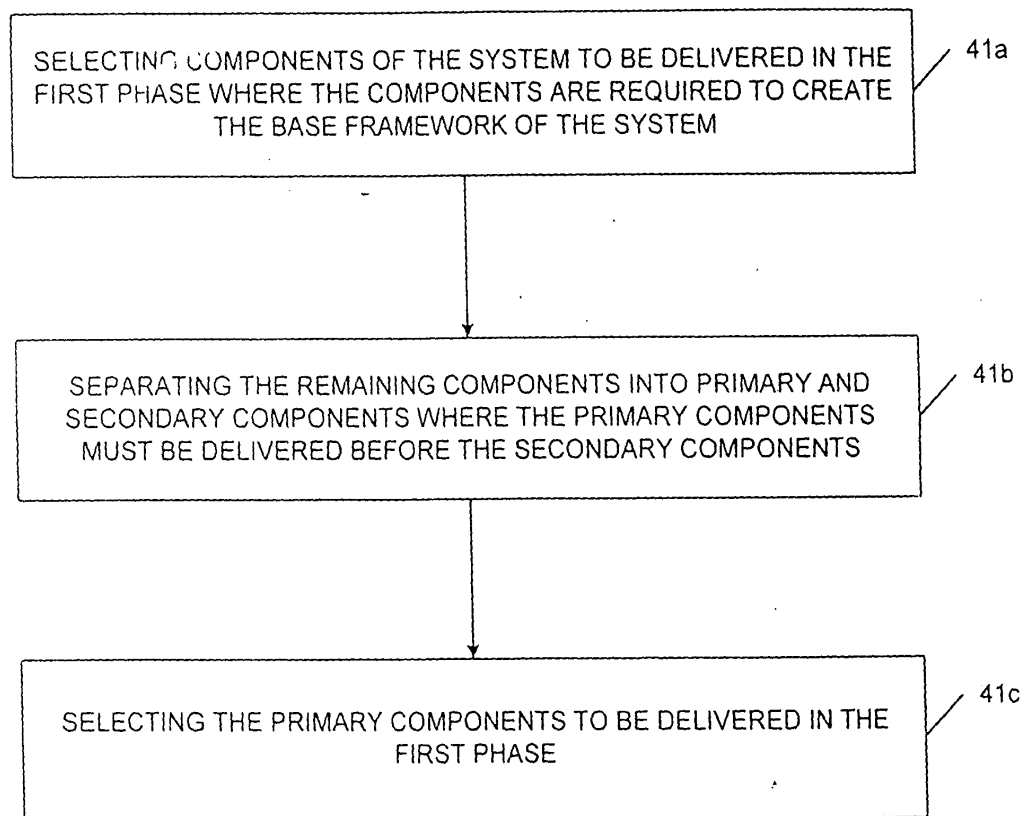


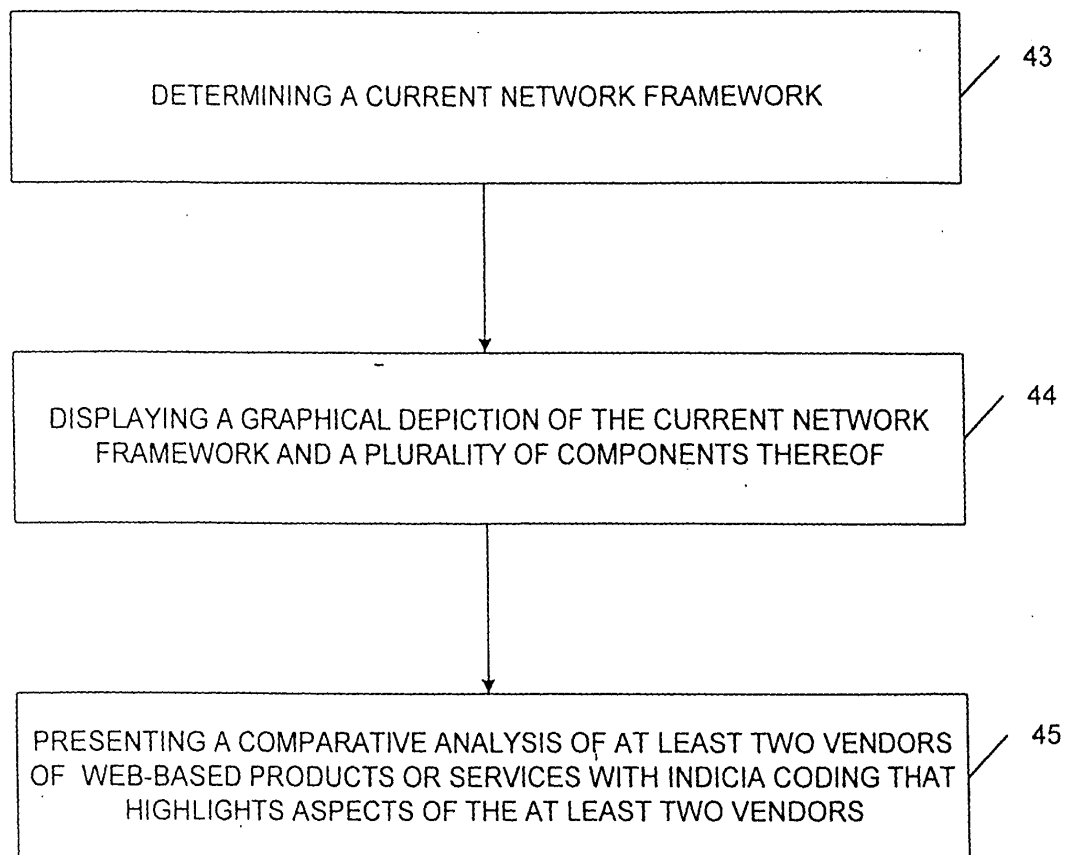
Figure 8E





41

Figure 9  
1E-1



20

Figure 1F

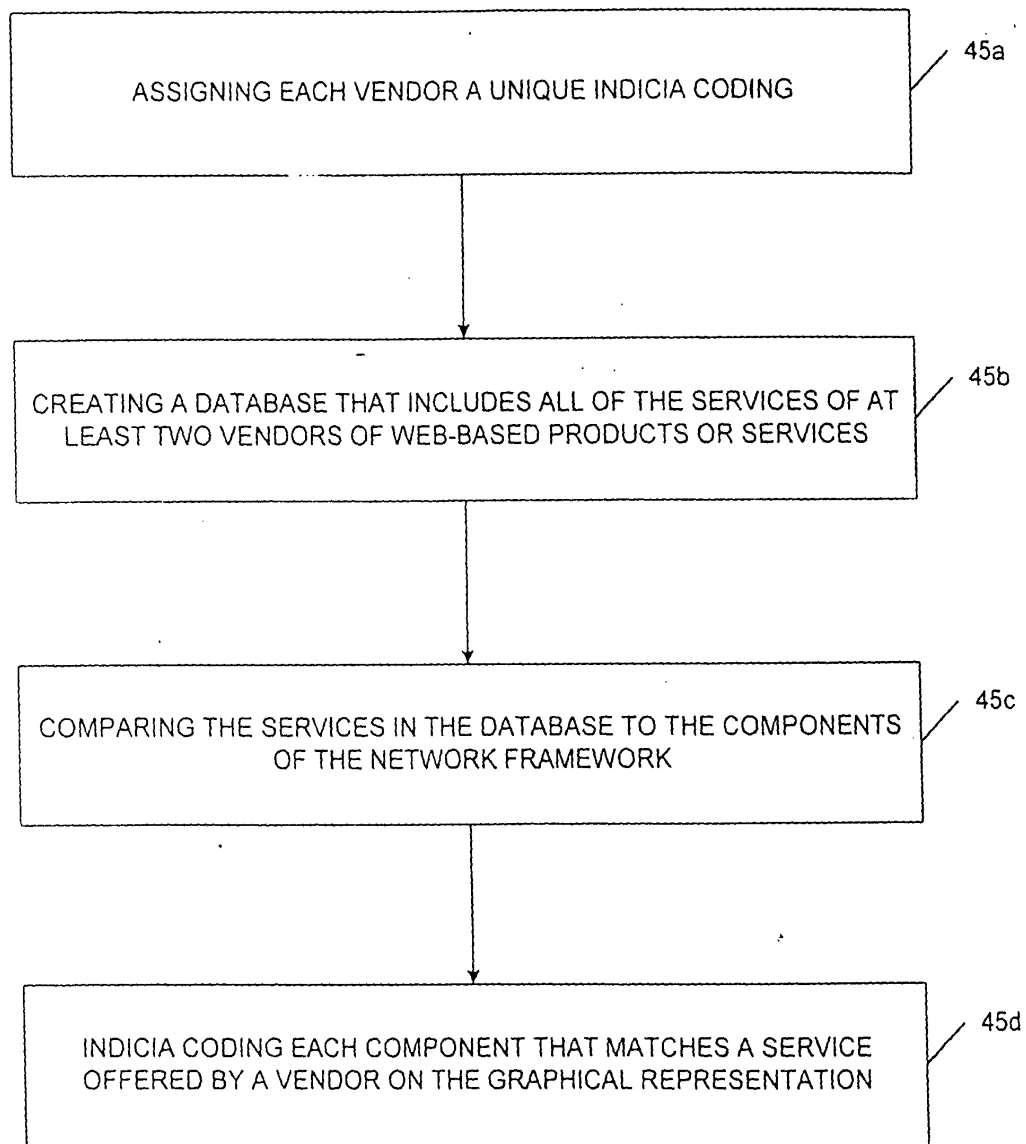
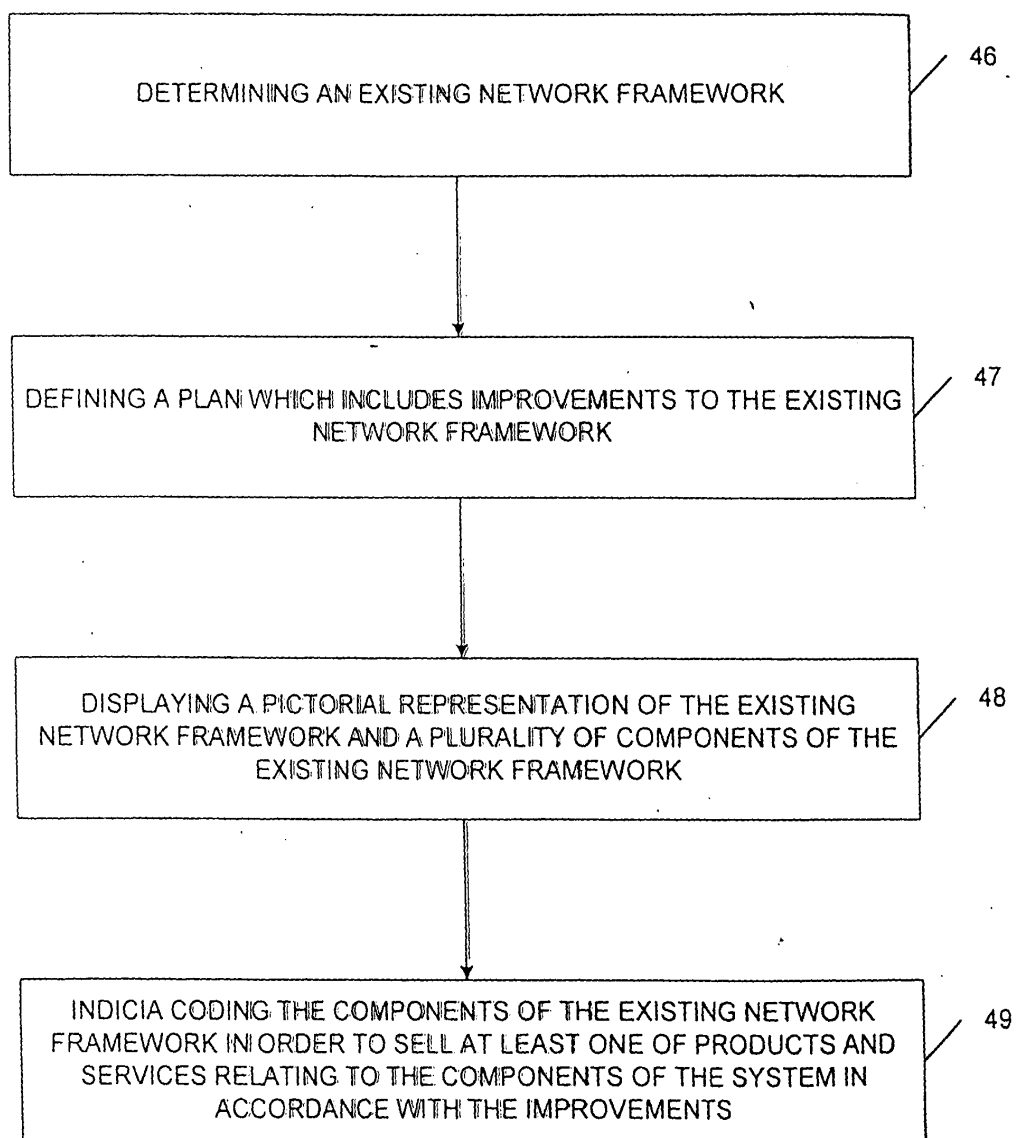
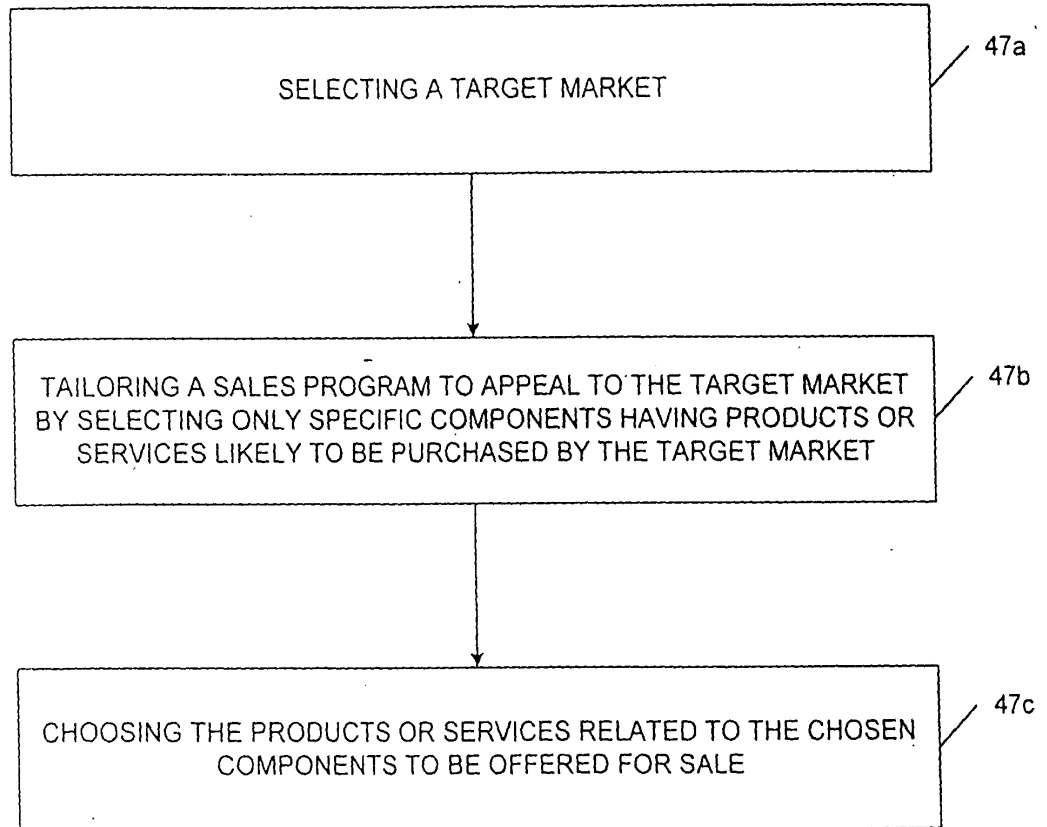


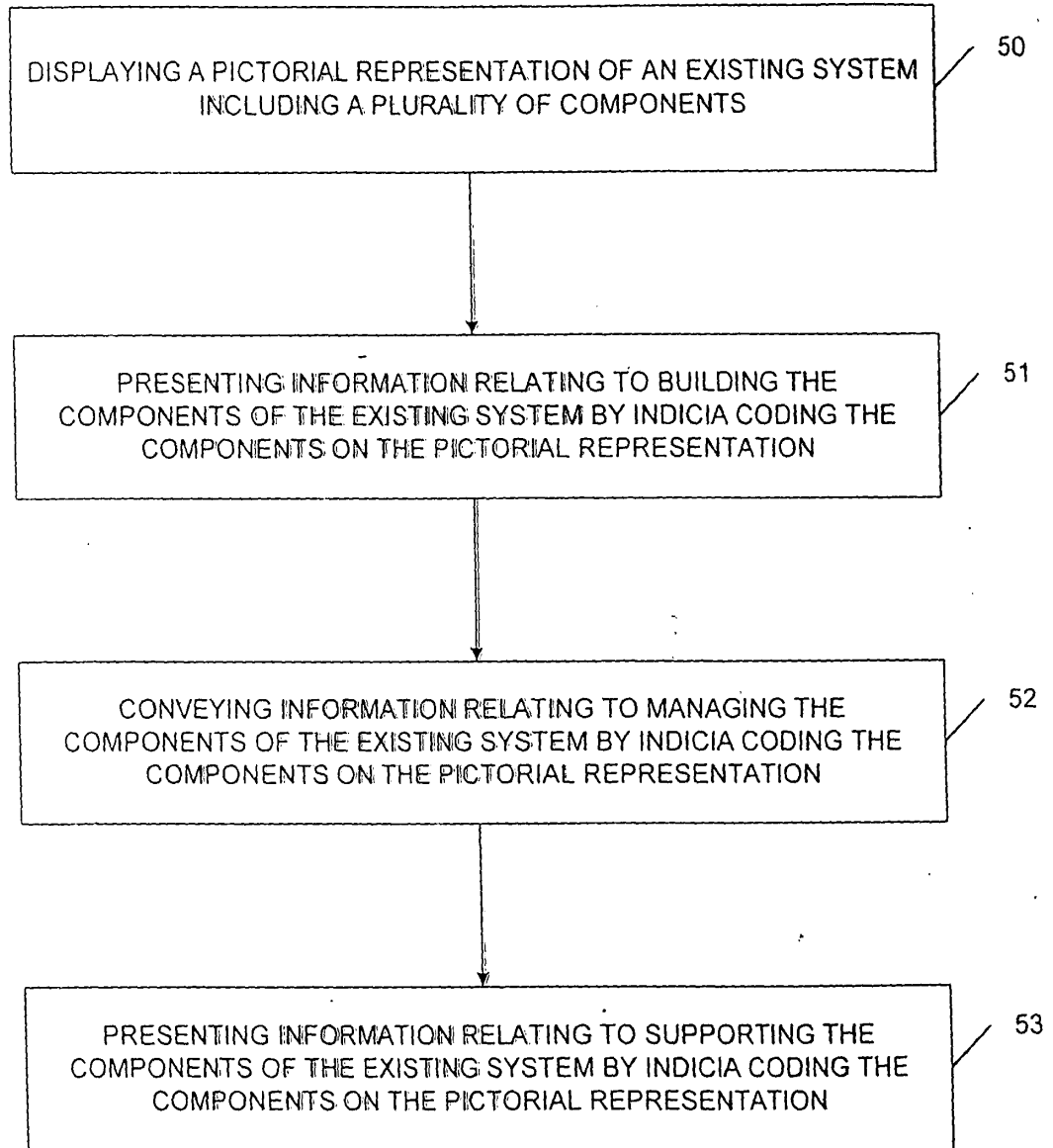
Figure 11





47

Figure 13  
Figure 1G-1



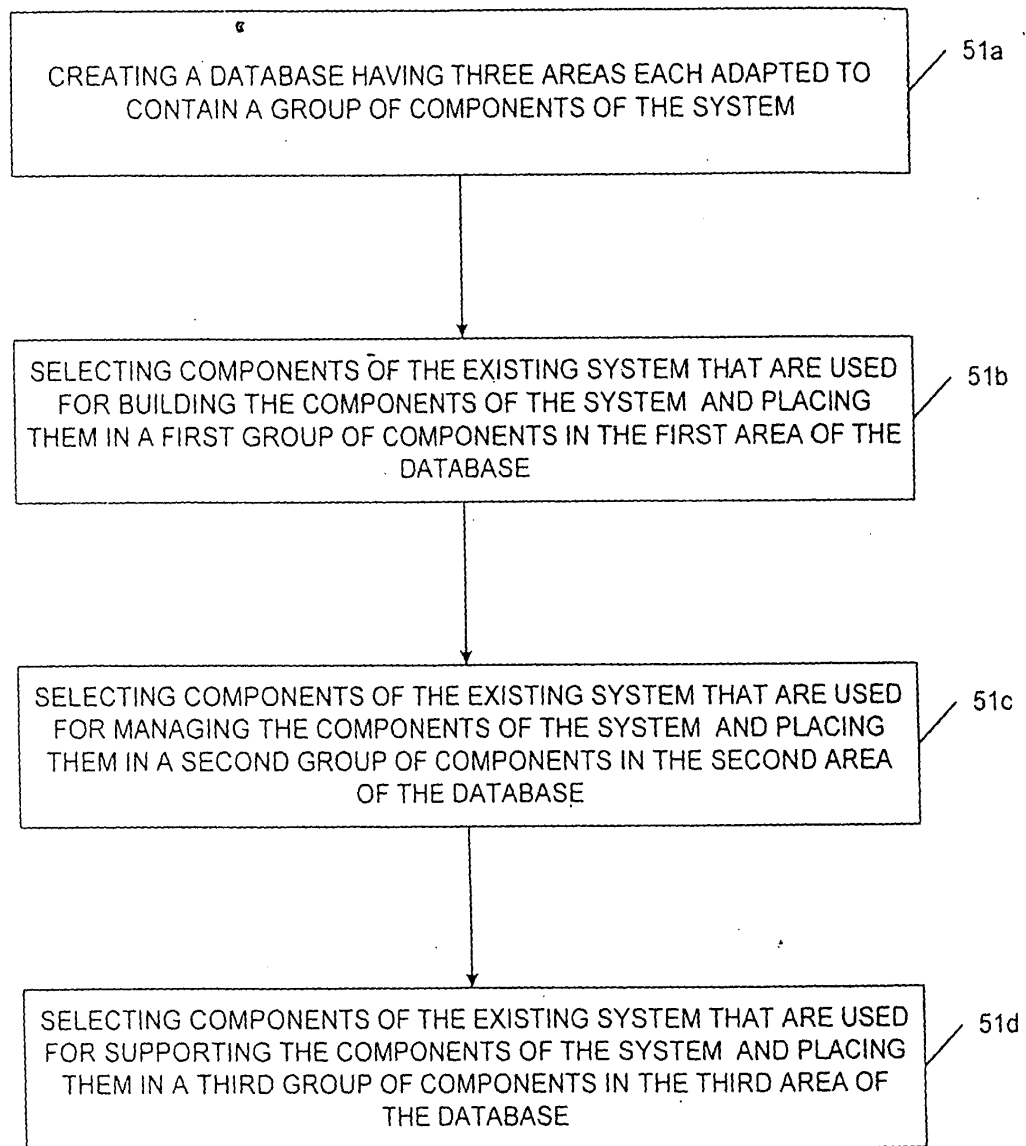
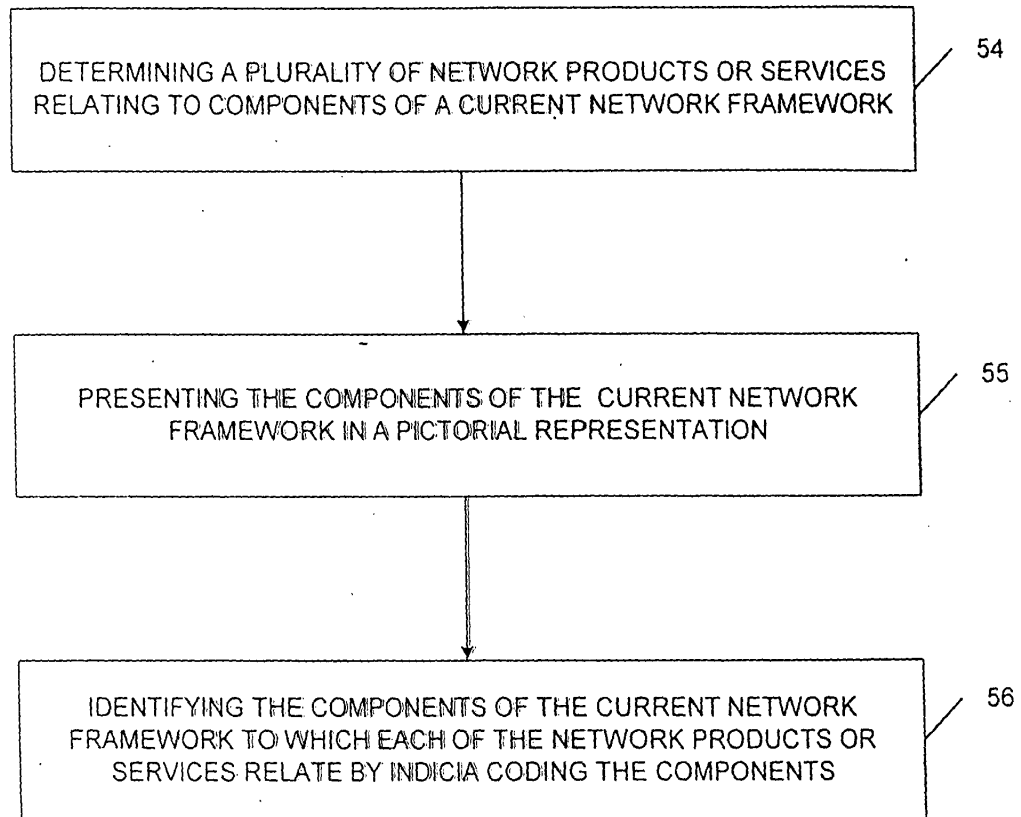


Figure 15  
14-1



26

Figure 16



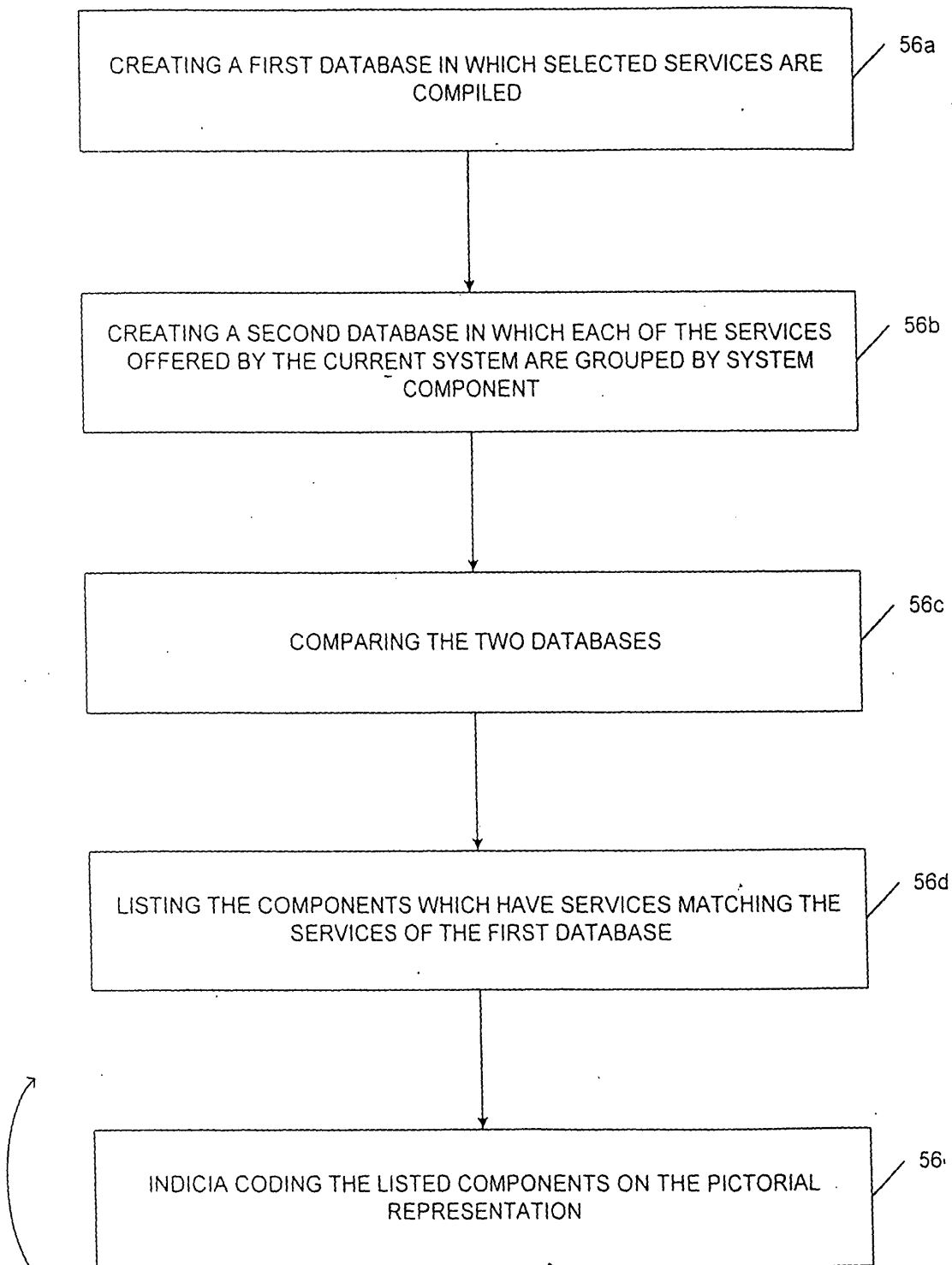
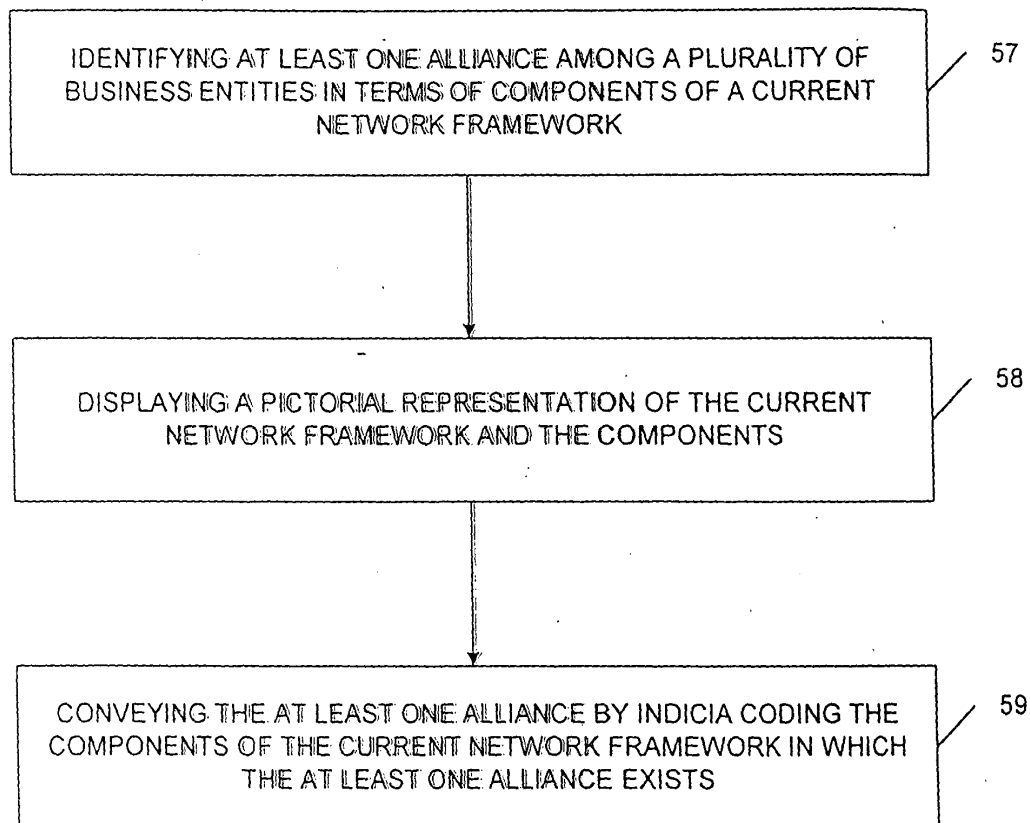


Figure 11-1



28

Figure 18

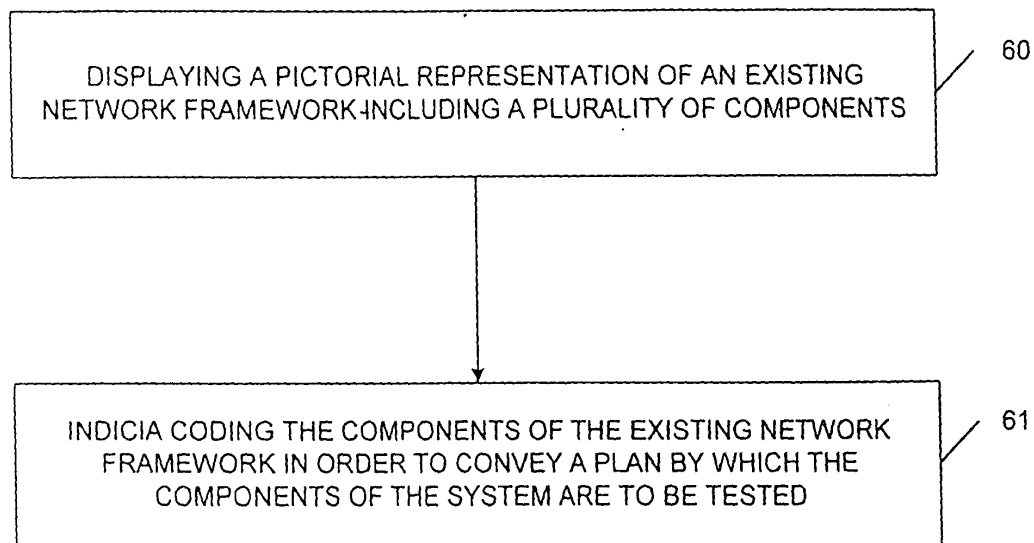
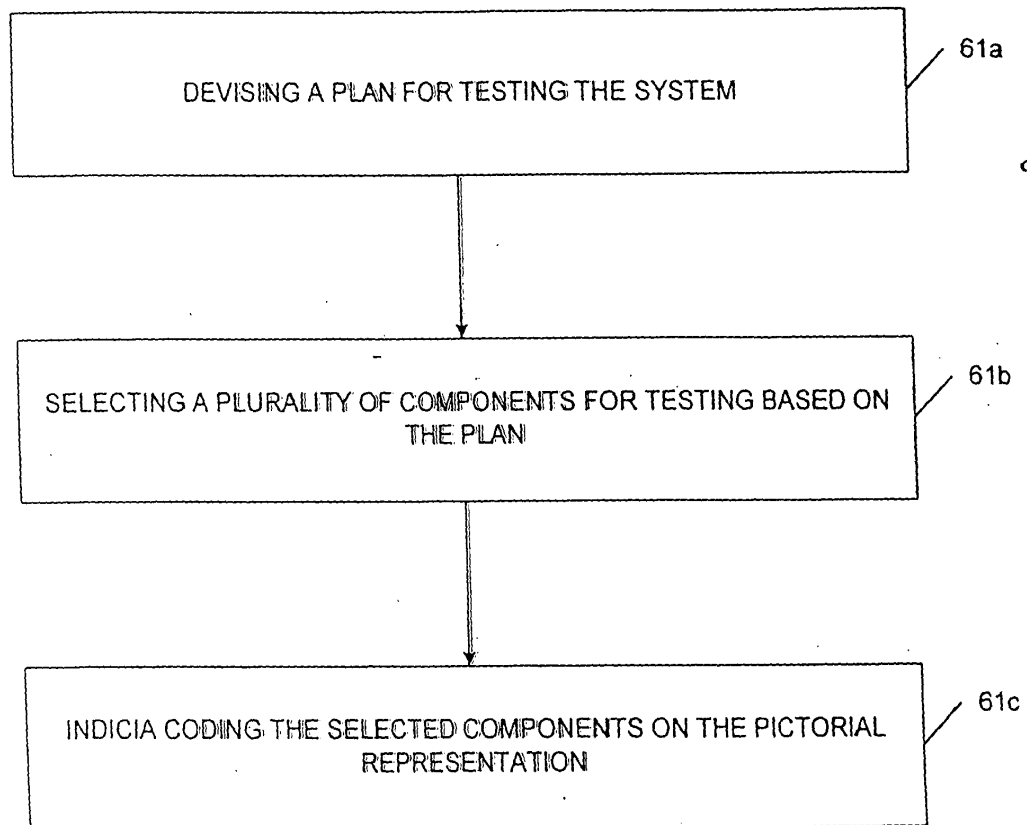


Figure 19

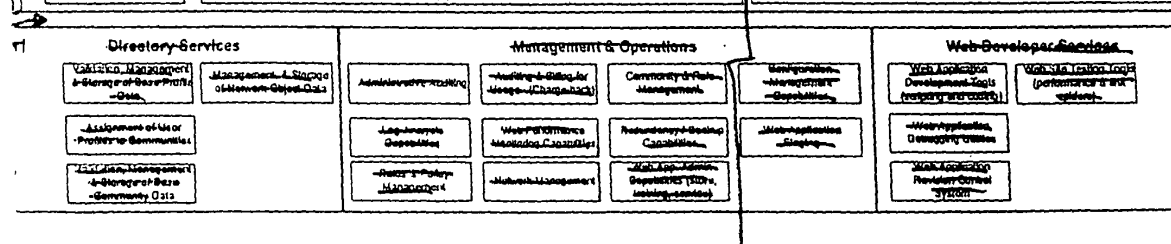
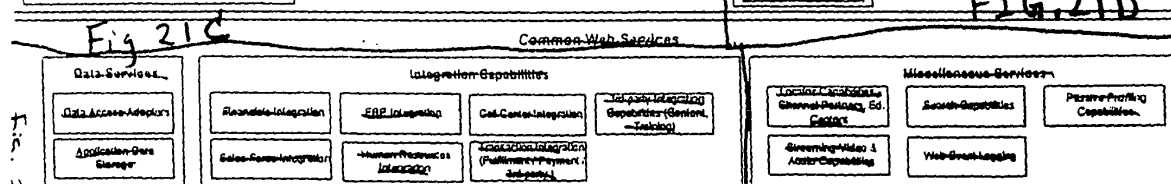
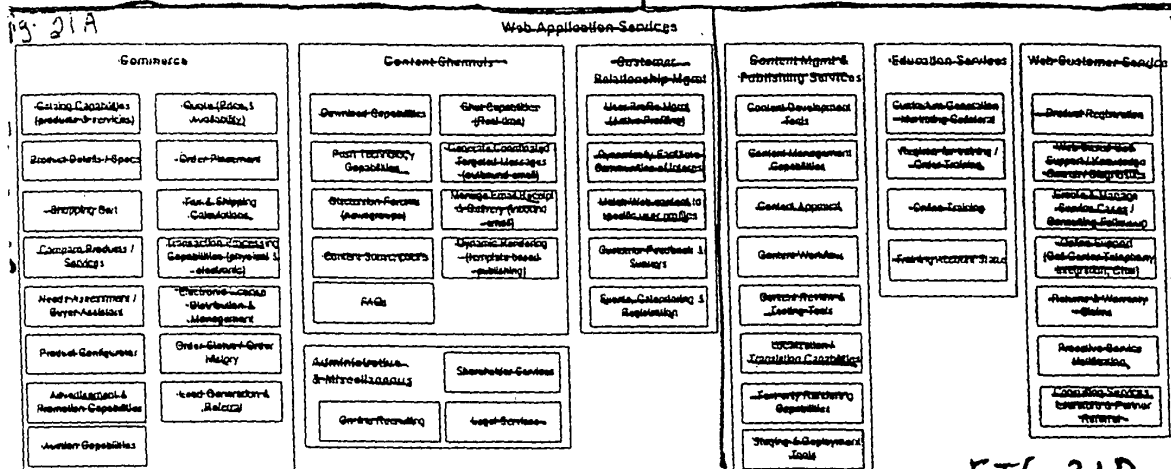
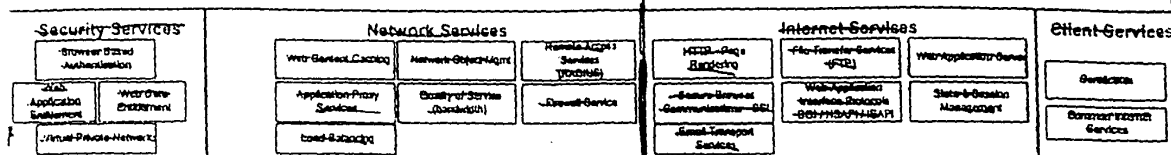


61

20

Figure 1A-1

Web Architecture Framework - Base Chart



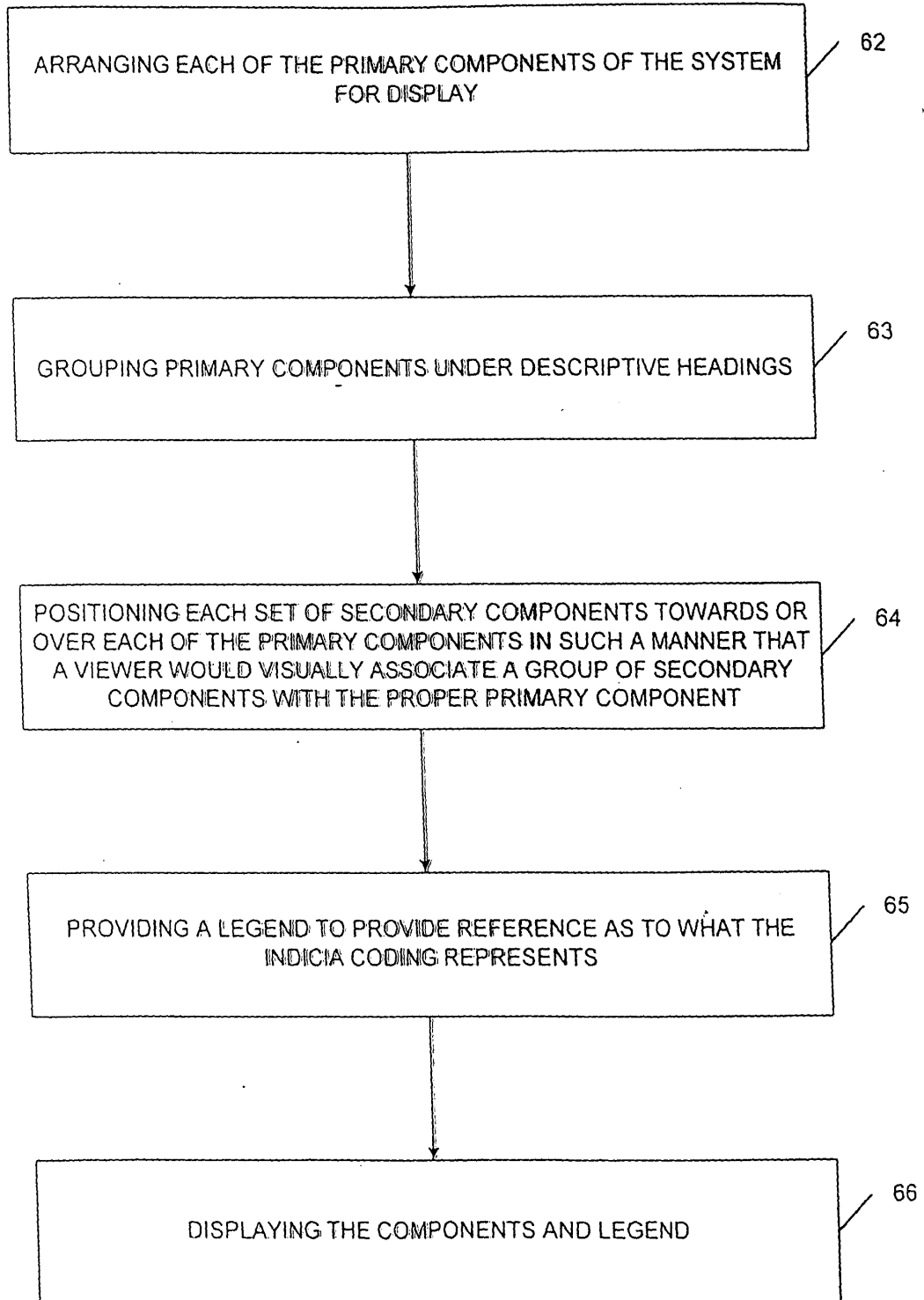


Figure 11-1

Architecture Framework - Today's Environment  
 Fig. 23A

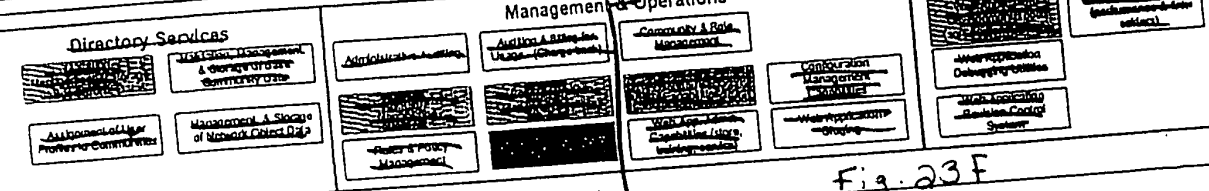
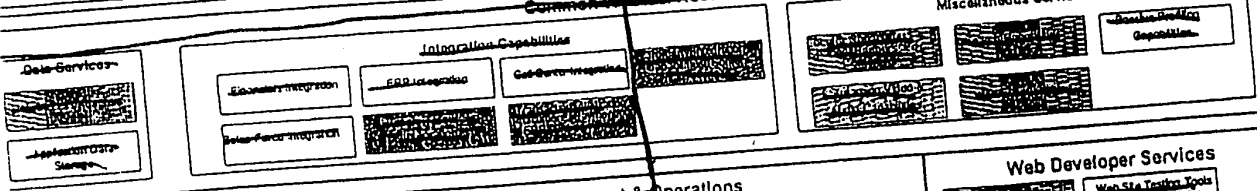
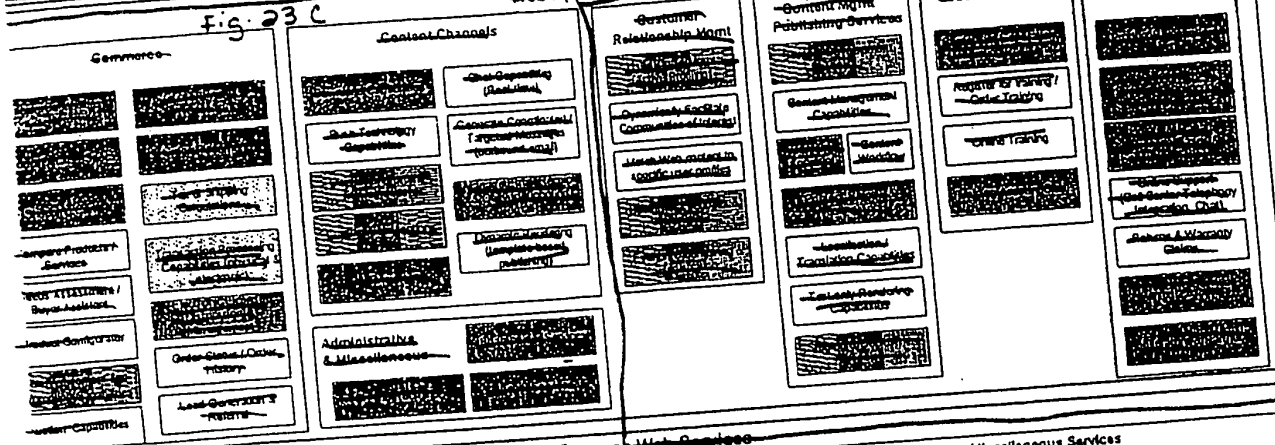


Fig. 23E

23  
 Figure 1M

Fig. 23F

Legend	
--------	--

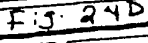
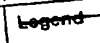


FIG. 24D

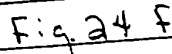


Fig. 24 f



Architecture Framework - Immediate Activities

Fig. 25A

**Security Services**  
 - Server Security  
 - Authentication  
 - Web-Based  
 - Network  
 - Access Control  
 - Private Network

**Network Services**

- Web Content Delivery  
 - Application Proxy  
 - Load Balancing

- Network Content  
 - Content Delivery  
 - Content Search

- Network Content  
 - Content Delivery  
 - Content Search

**Internet Services**  
 - Web Page  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Client Services**  
 - Content Delivery  
 - Content Search

**Web Application Services**

**Commerce**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Content Channels**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Customer Relationship Mgmt.**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Content Mgmt. & Publishing Services**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Education Services**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Web Customer Service**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

Fig. 25C

**Common Web**

**Data Services**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Integration Capabilities**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Content Delivery**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Miscellaneous Services**  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Directory Services**

- Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

- Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

- Content Delivery  
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 - Content Search  
 - Content Delivery  
 - Content Search

**Management &**

- Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

- Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
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- Content Delivery  
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 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

**Web Developer**

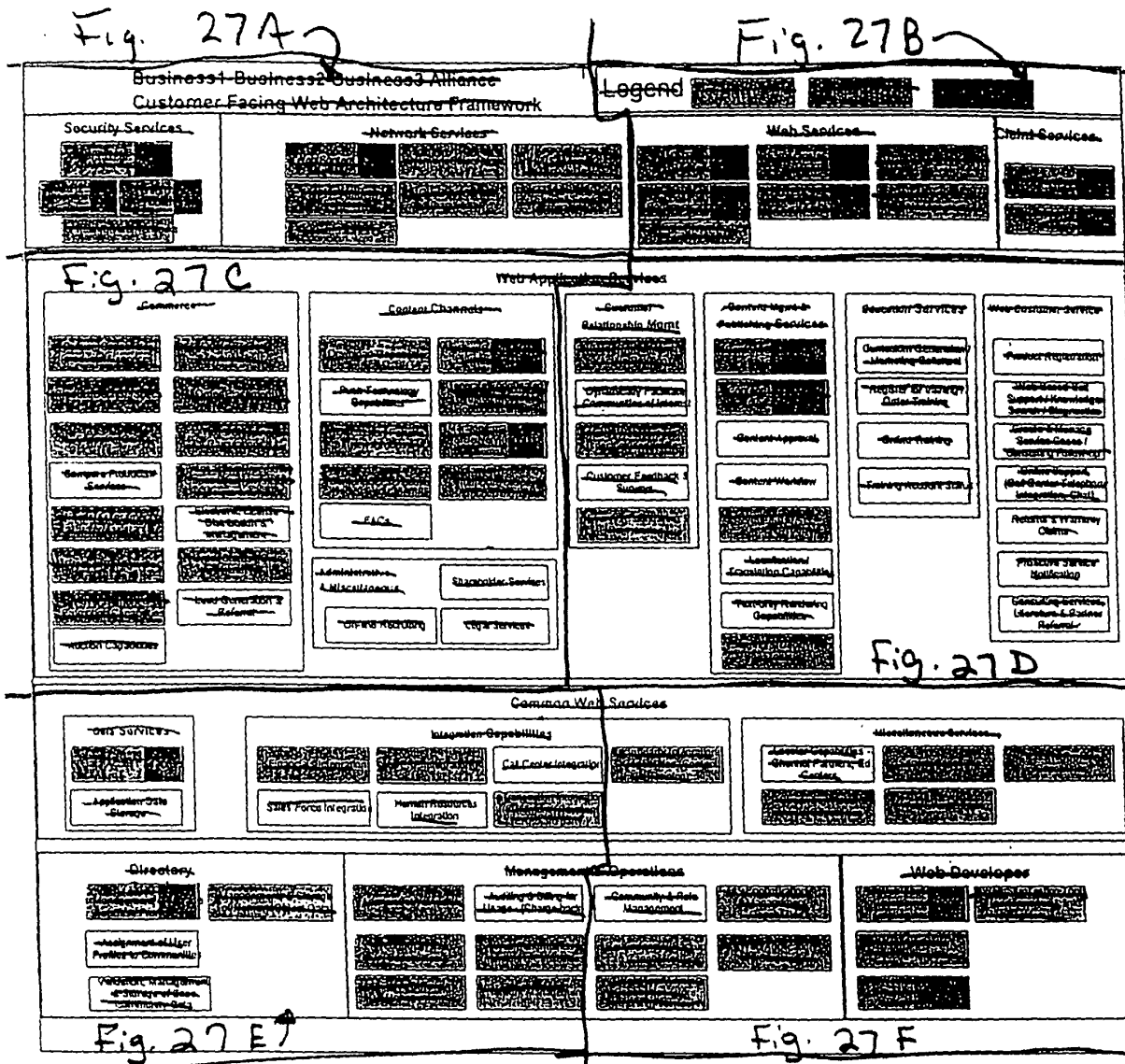
- Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

- Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search  
 - Content Delivery  
 - Content Search

Fig. 25E

Fig. 25F





27  
Figure 1R

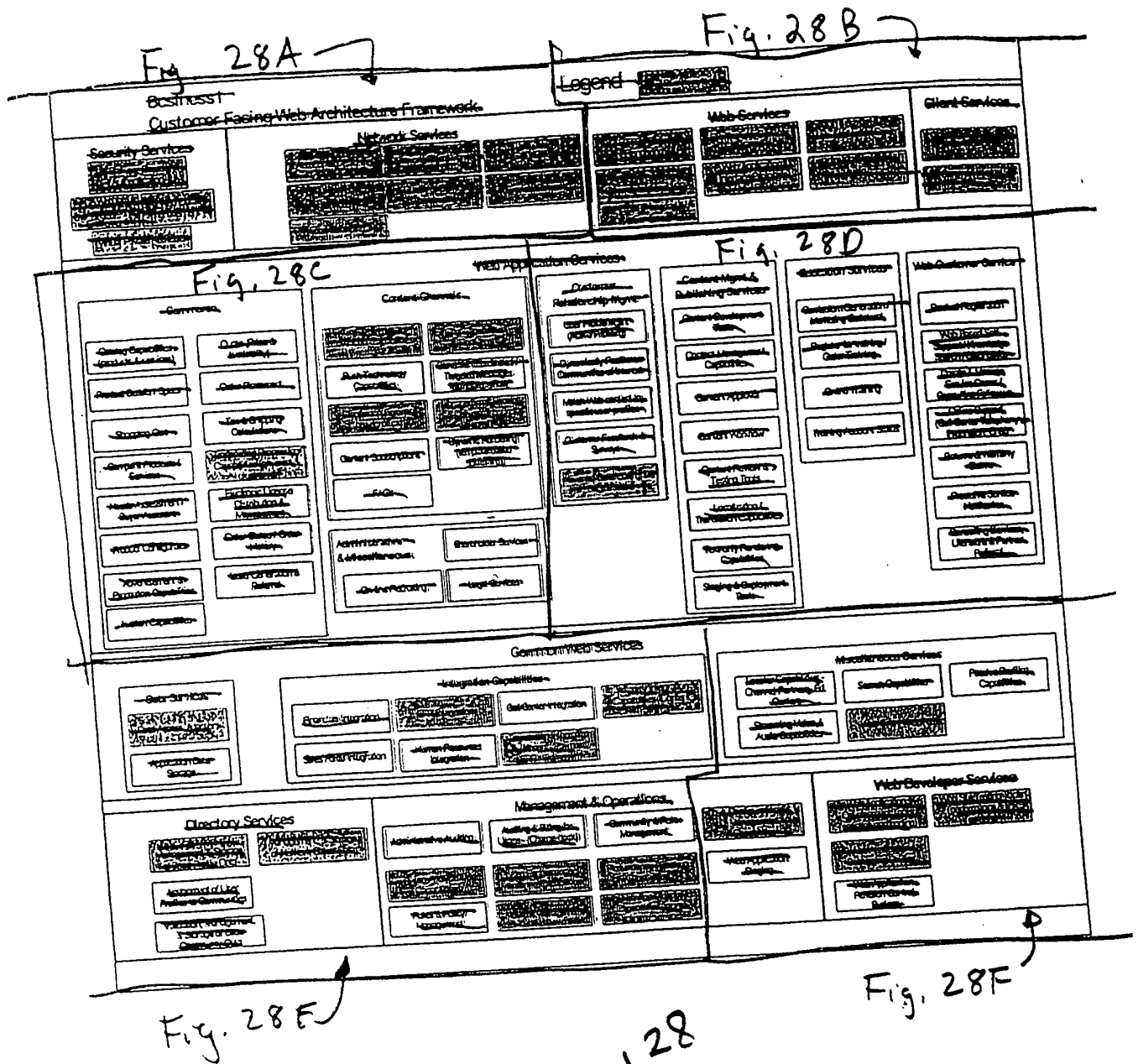


Figure 28

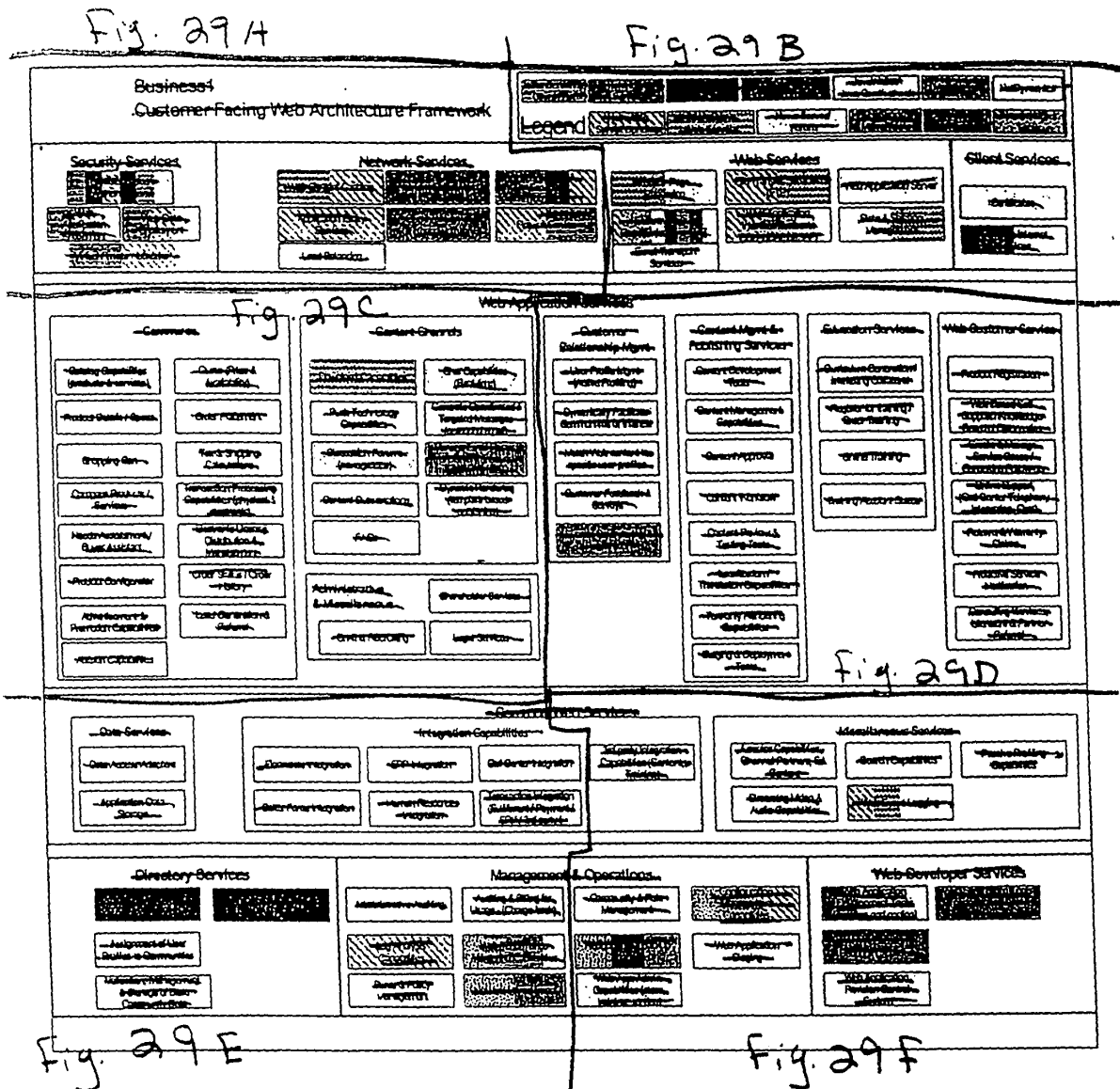
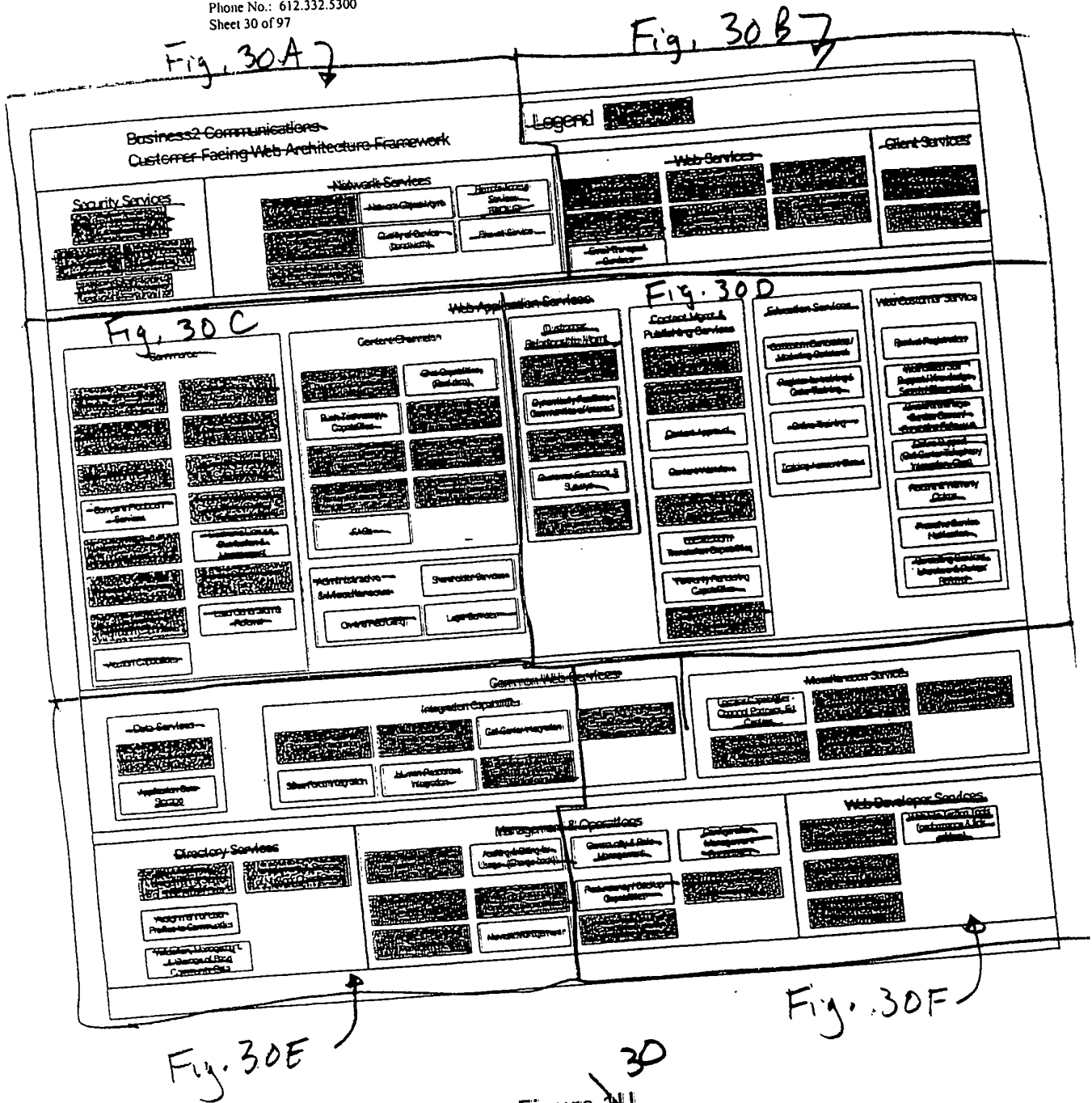
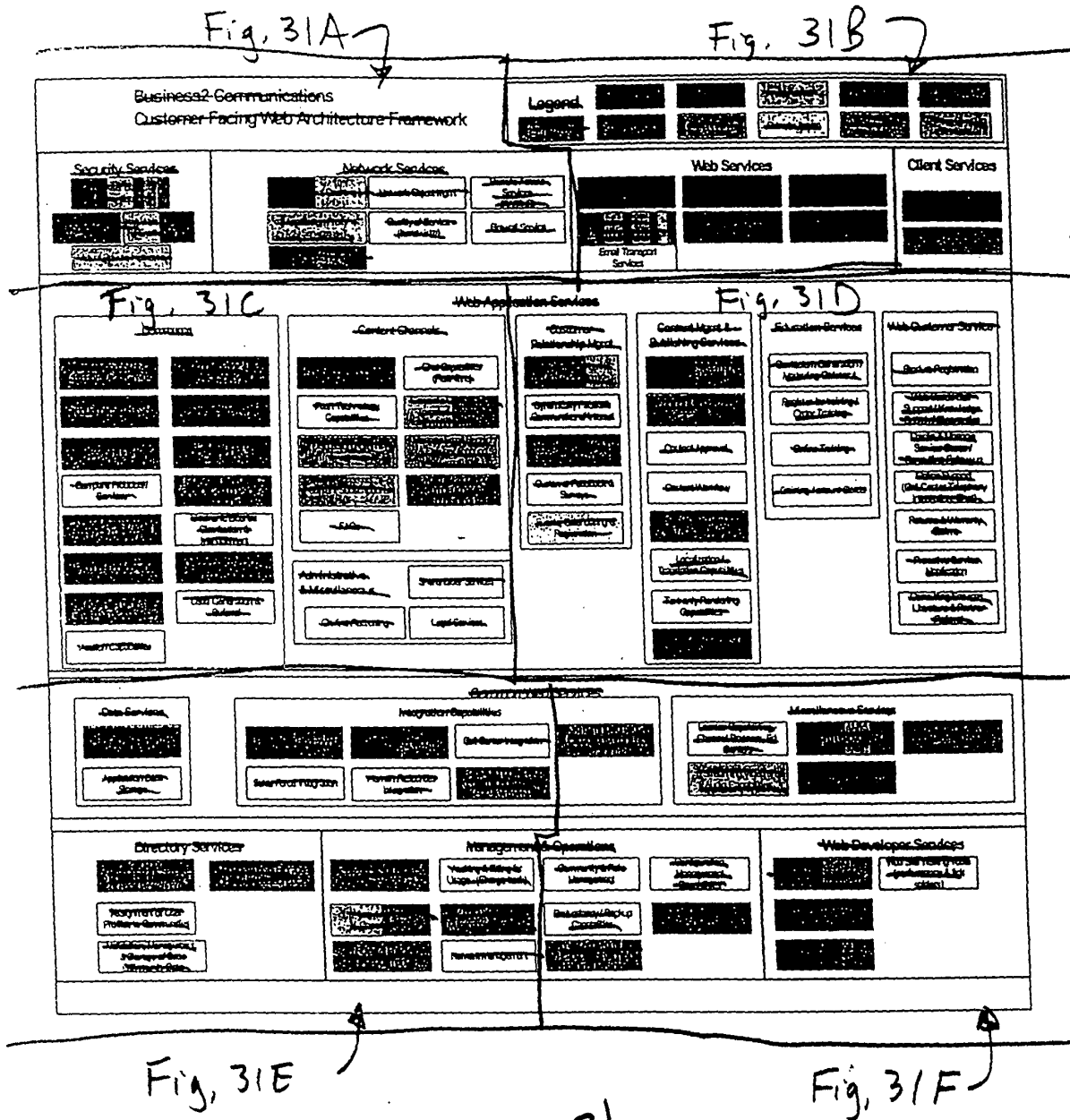


Figure 29





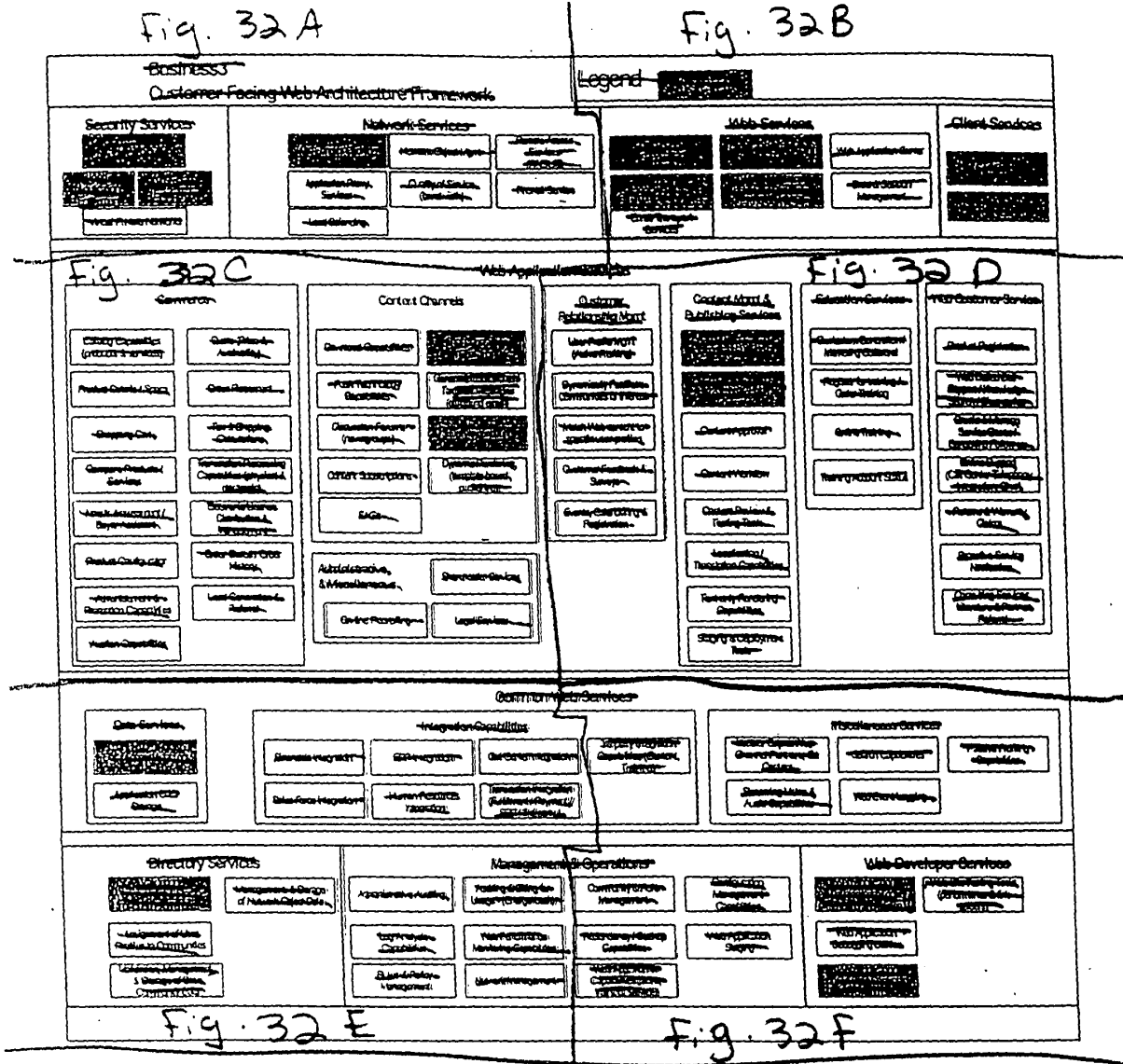


Figure 32



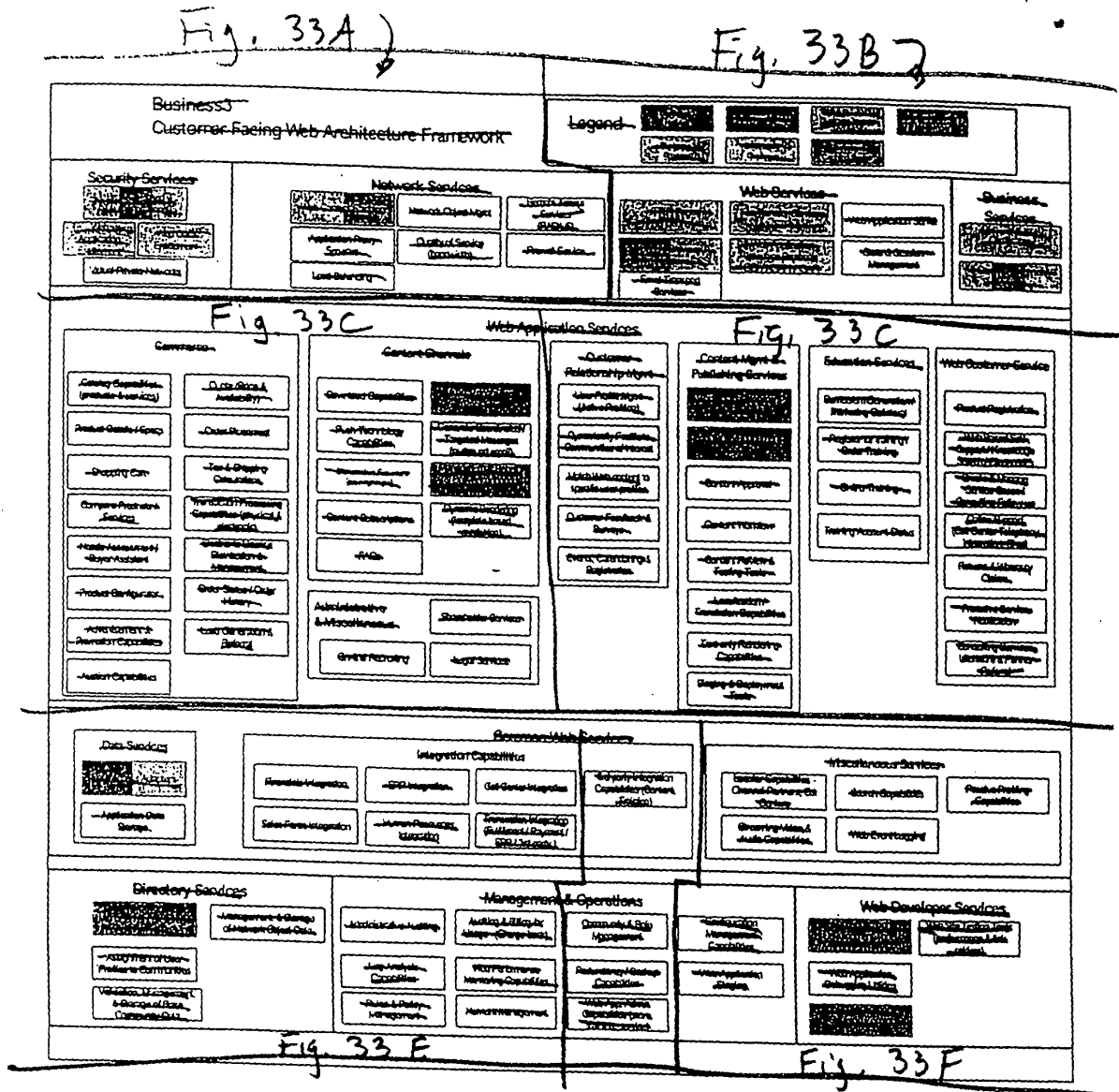


Figure 33

Fig. 34 A

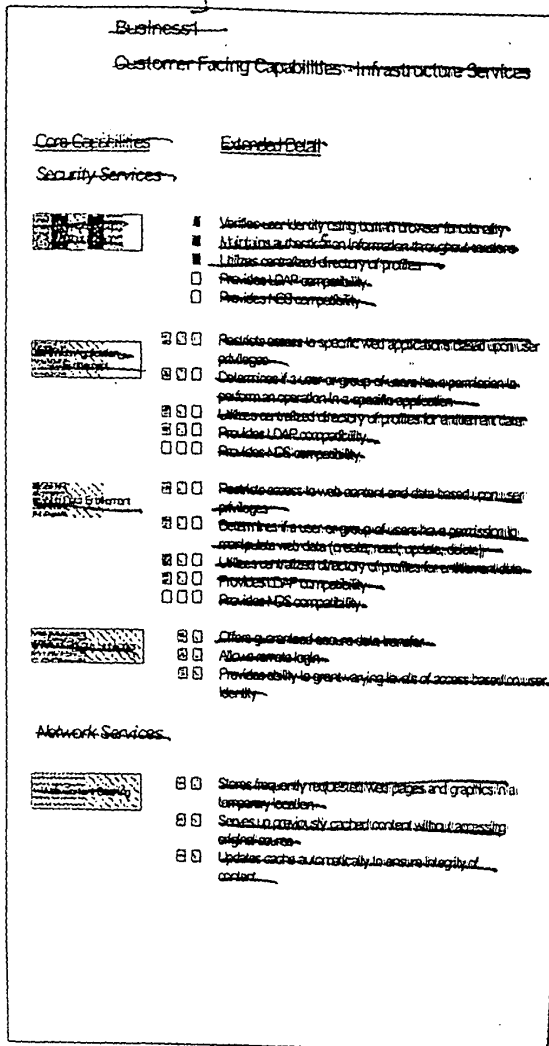


Fig. 34 B

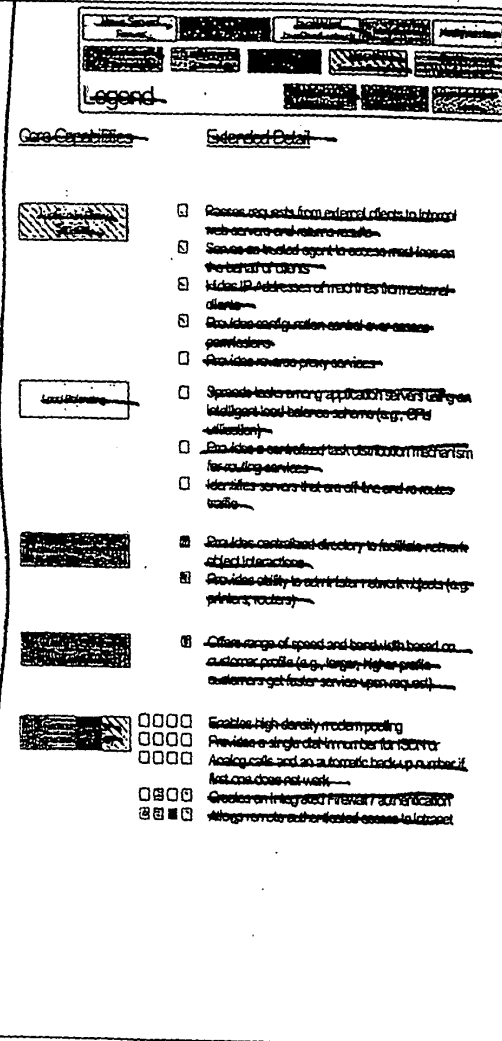
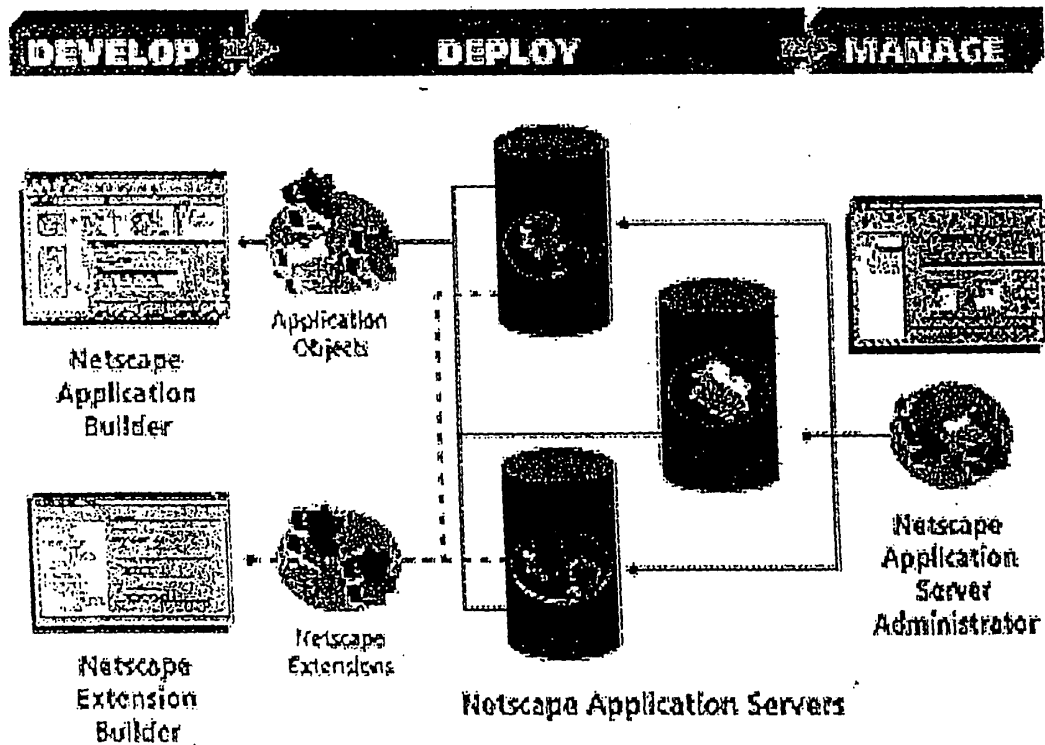


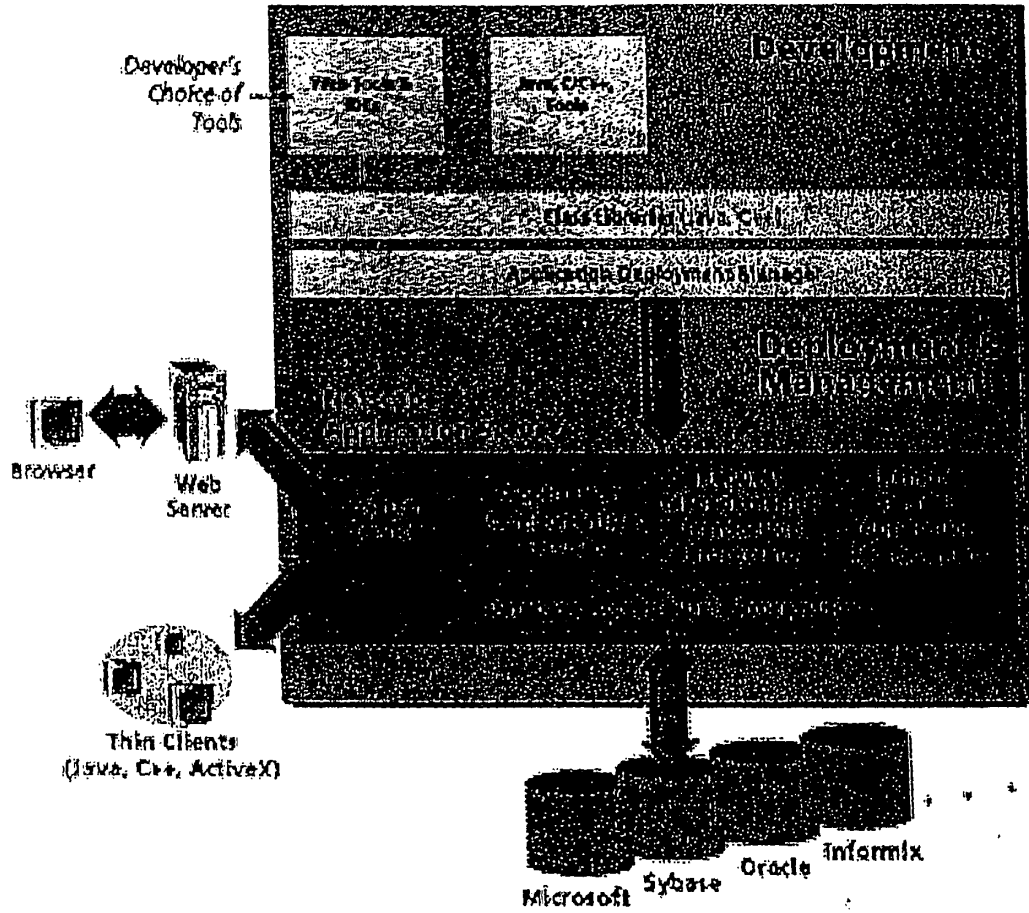
Figure 34

Client2 Application Server



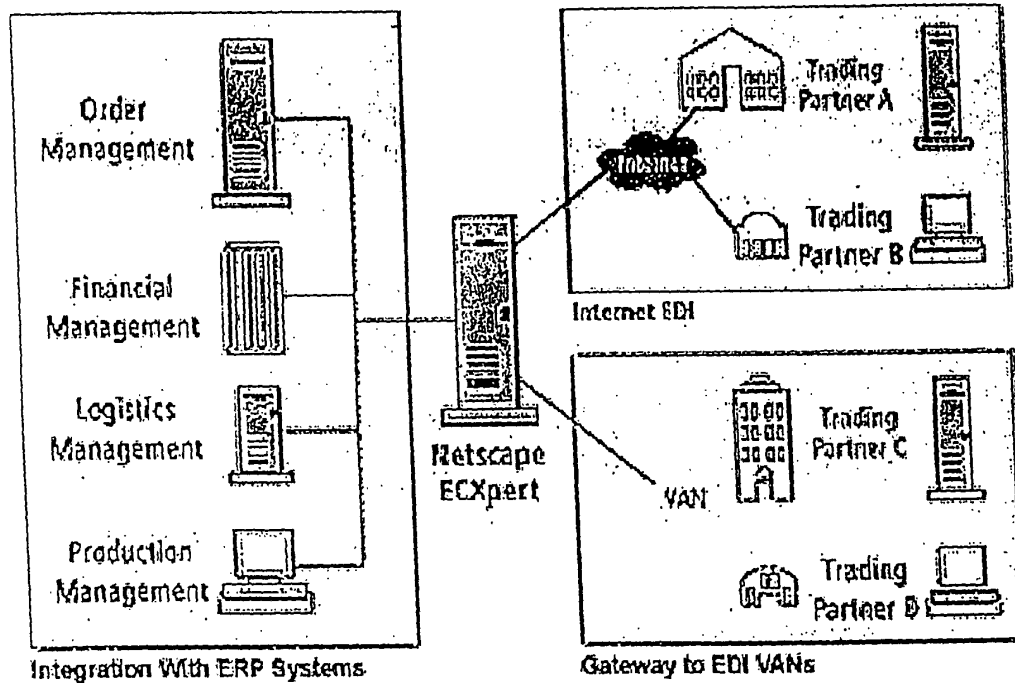
35  
 Figure 17

Client2 Application Server



36  
Figure 1A

Client2 ECXpert



37  
Figure 1AB

Client2 ECXpert

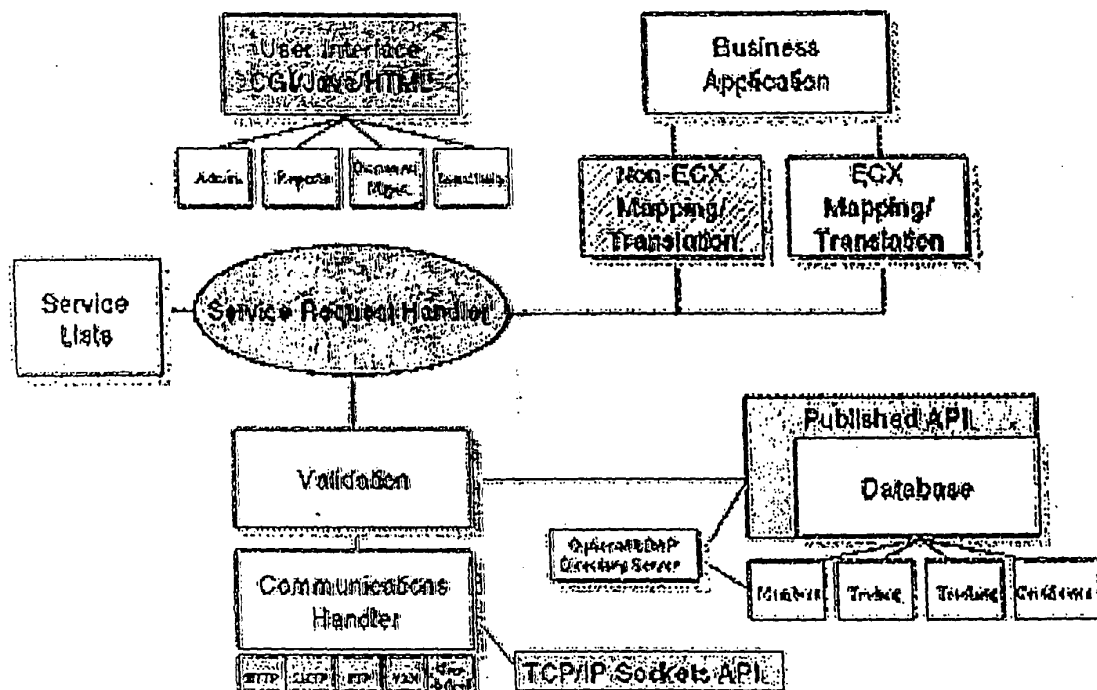
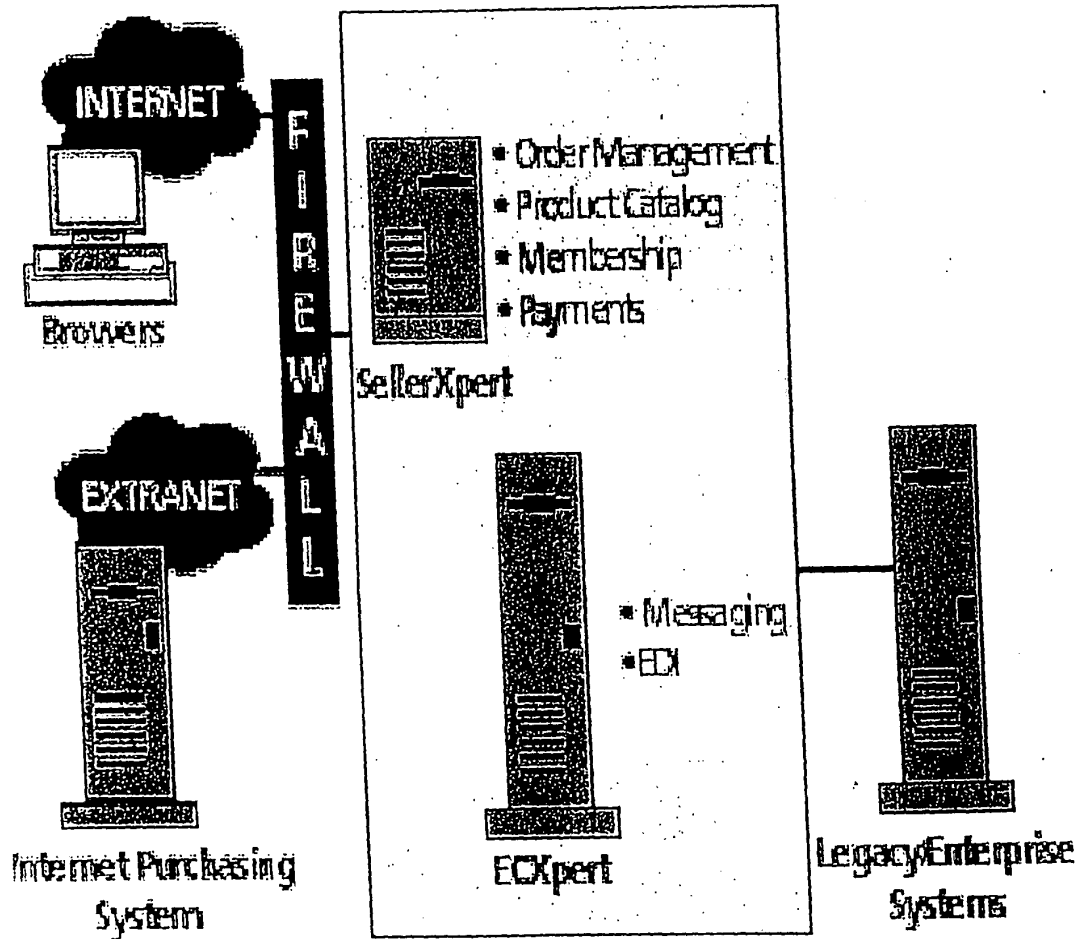


Figure 1/C

Client2 SellerXpert



39  
Figure 1AD

*Client2 PublishingXpert*

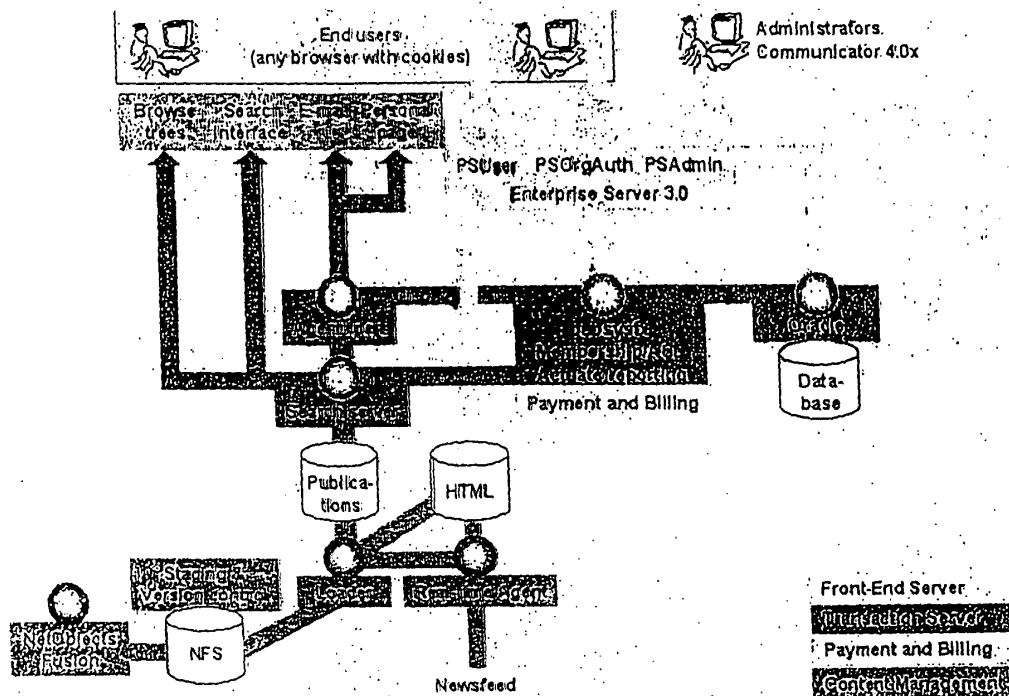
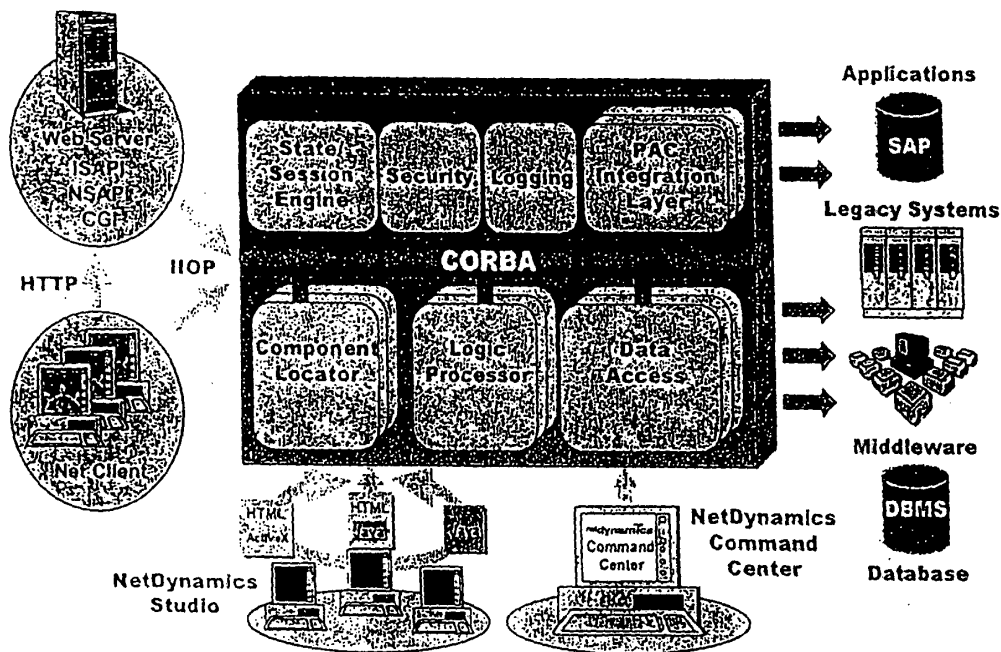


Figure 1A



*Client1 NetDynamics*



- ① Any Web browser requests a dynamic page
- ② The Web server notifies ColdFusion
- ③ ColdFusion processes the dynamic page based on the CFML tags
- ④ ColdFusion generates an HTML page
- ⑤ The Web server sends the HTML page to the browser

Figure 1AF

*Client1 Internet Mail Server*

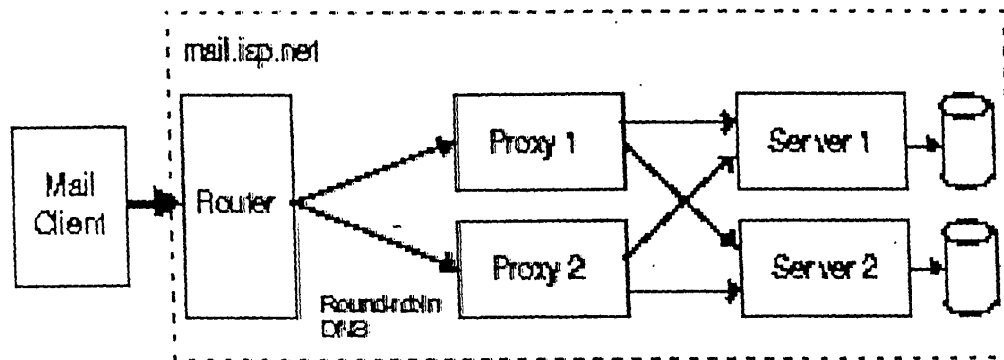


Figure 1A G

42

*Client1 Internet News Server*

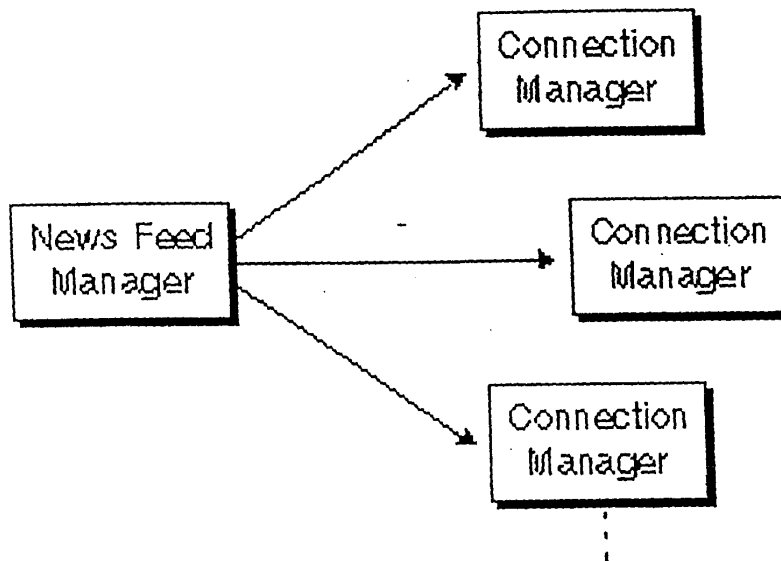


Figure 1A

43

*Client1 Personal WebAccess Browser*

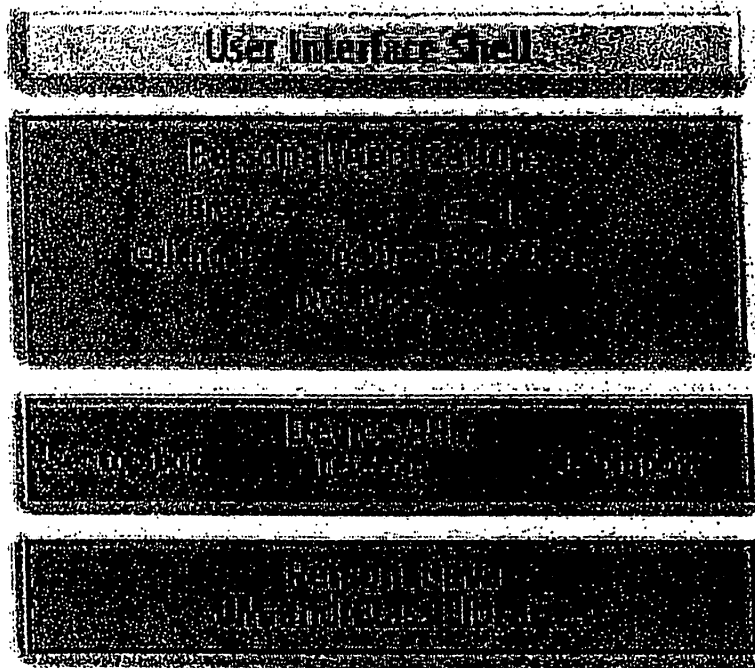


Figure 1A1

44

*Client1 Directory Services*

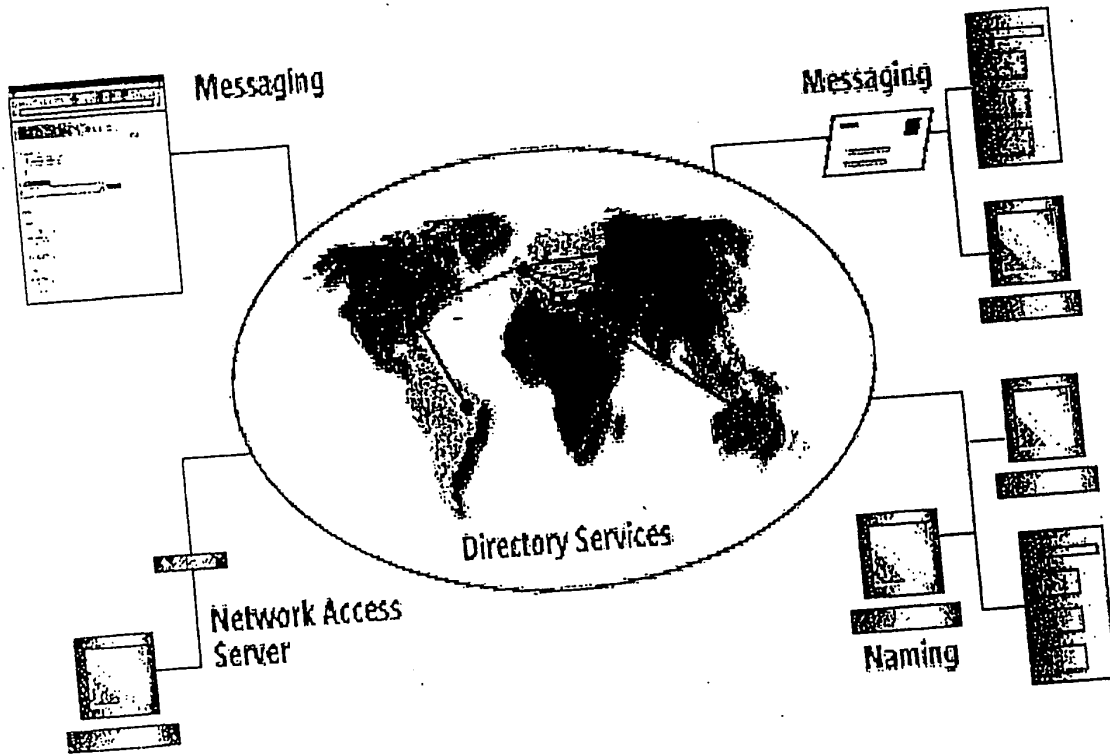


Figure 1A

45

Client1 JavaWallet

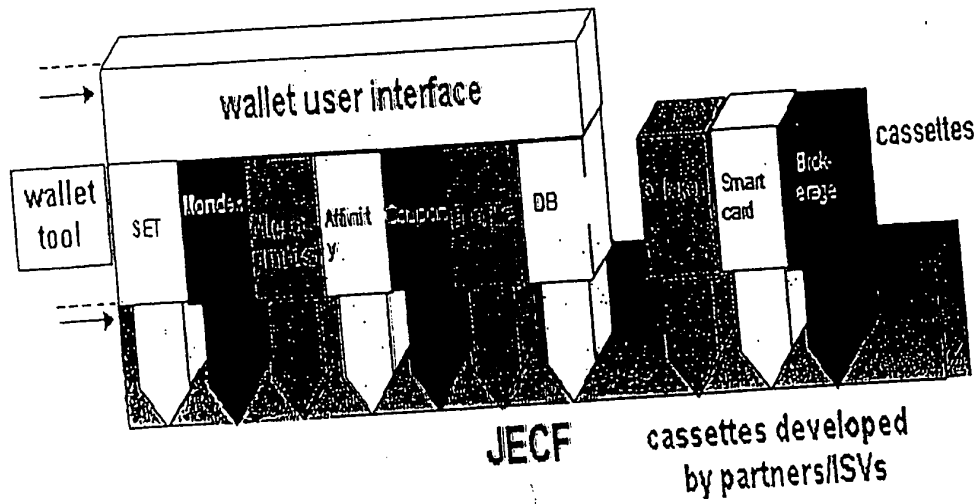


Figure 1A<sup>46</sup>

*Client1Screen Product Suite*

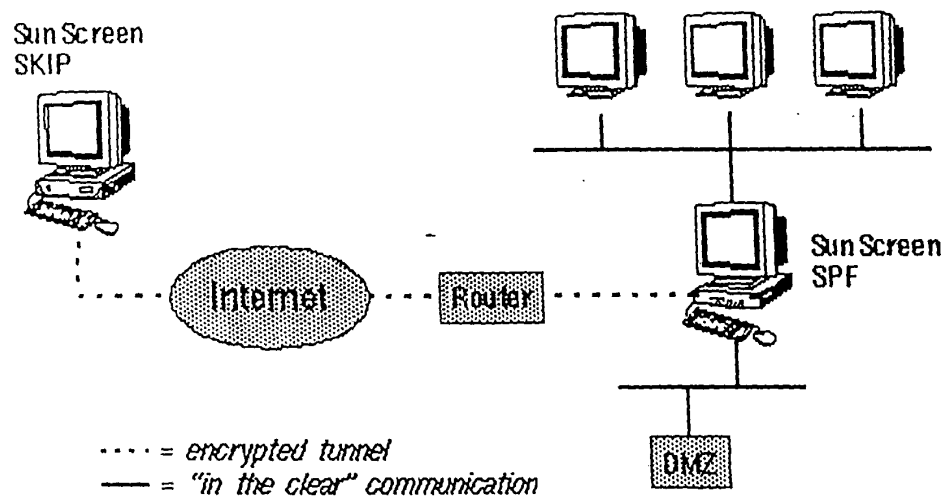


Figure 1AL 47

*Netra Internet Server Bundle*

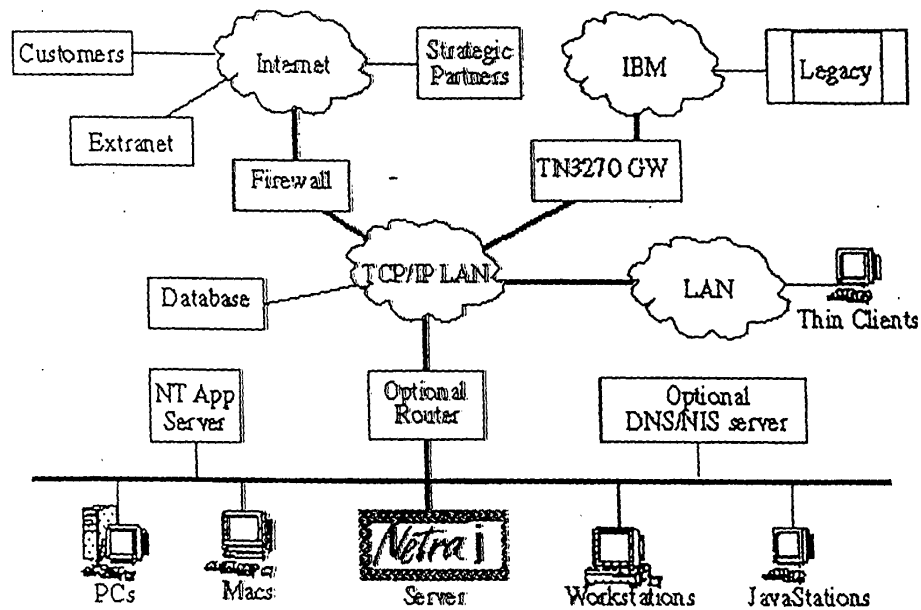


Figure 1AM

48



*Solaris ISP Server Bundle*



Figure 1AN <sup>49</sup>

*Development & Testing Tools*

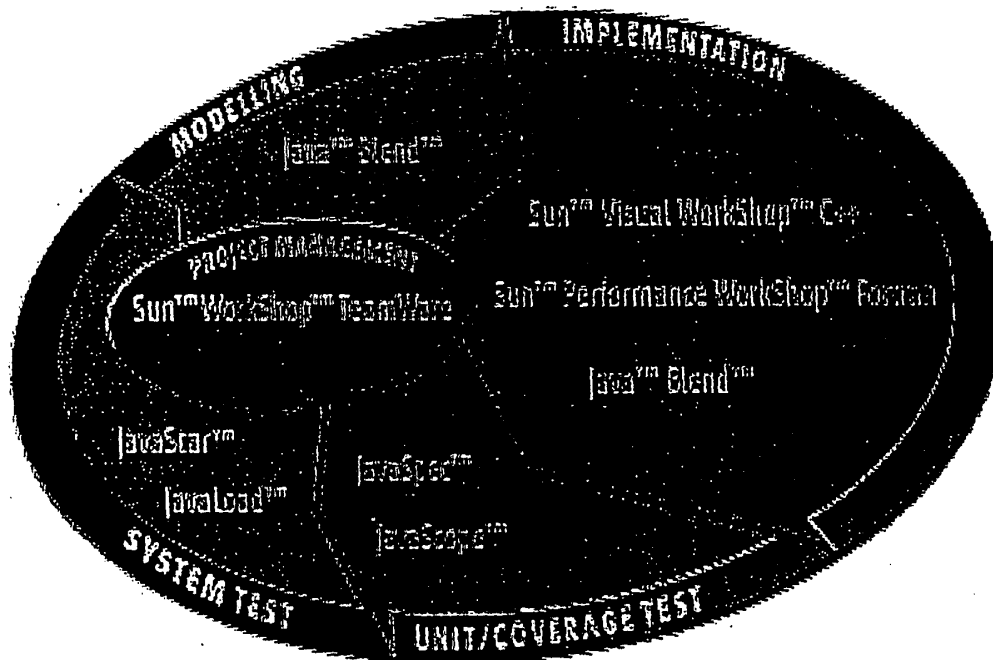


Figure 1A0

50

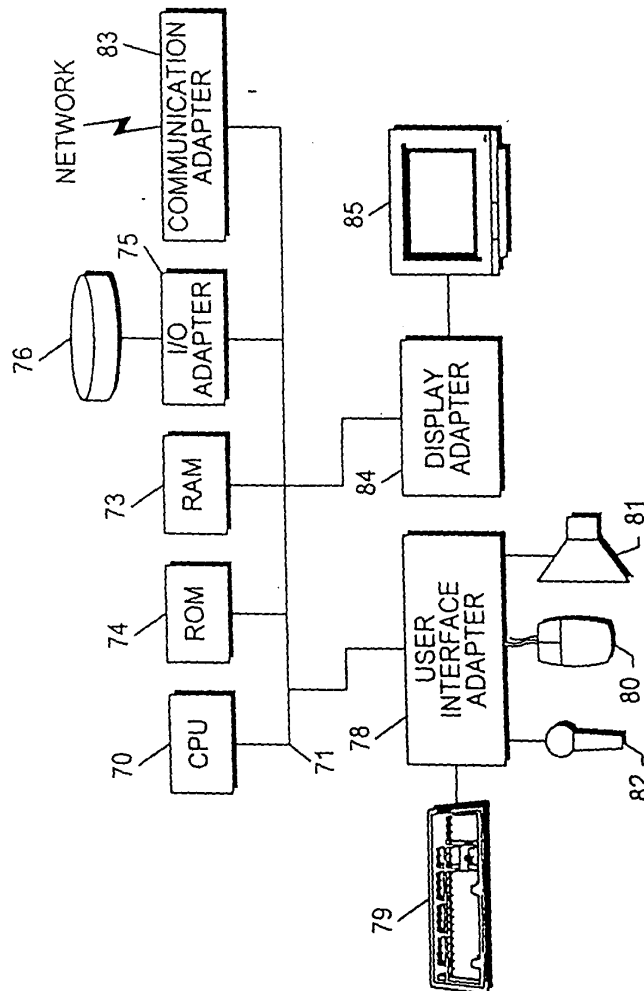


Figure 2A <sup>51</sup>

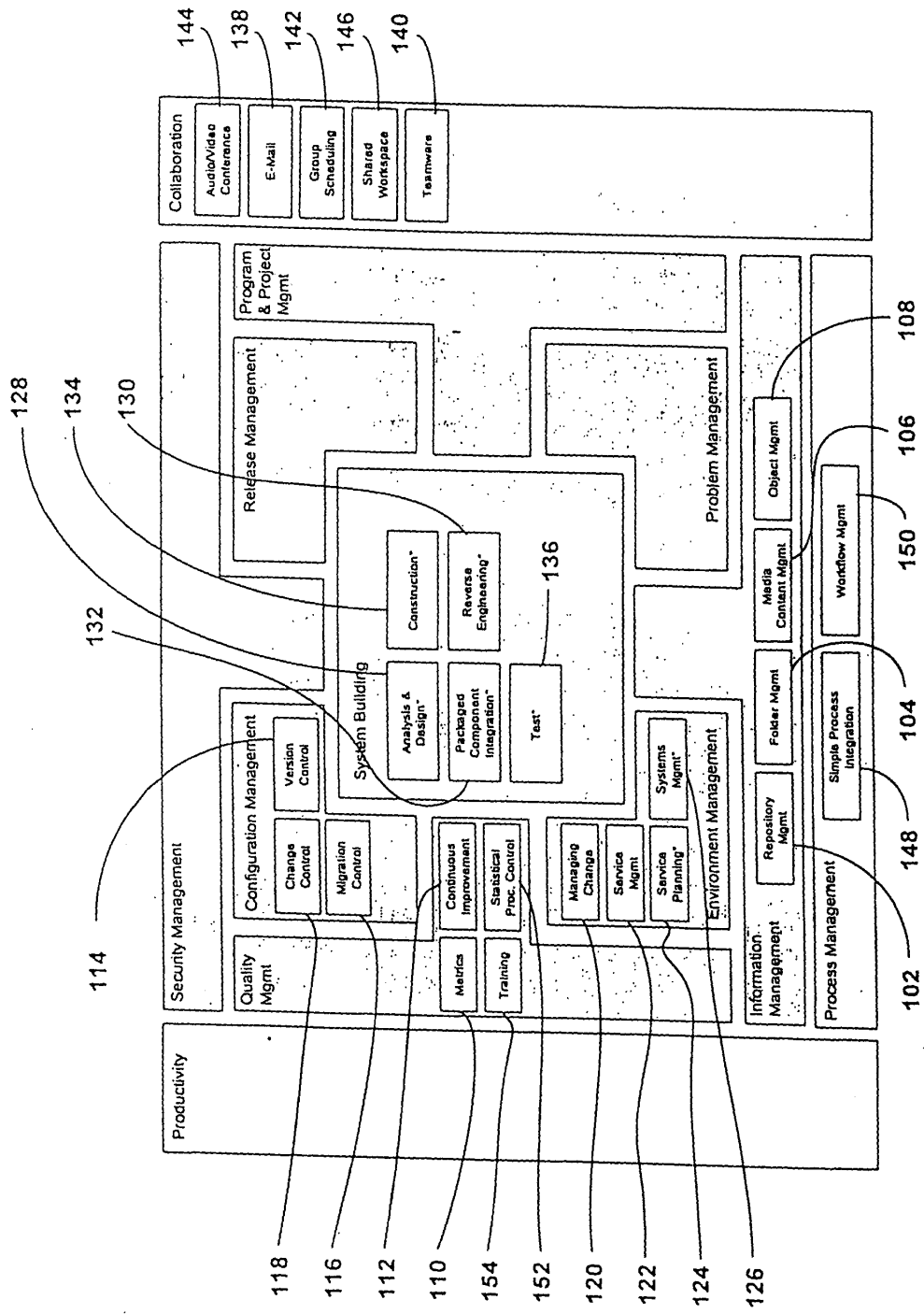


Figure 2B

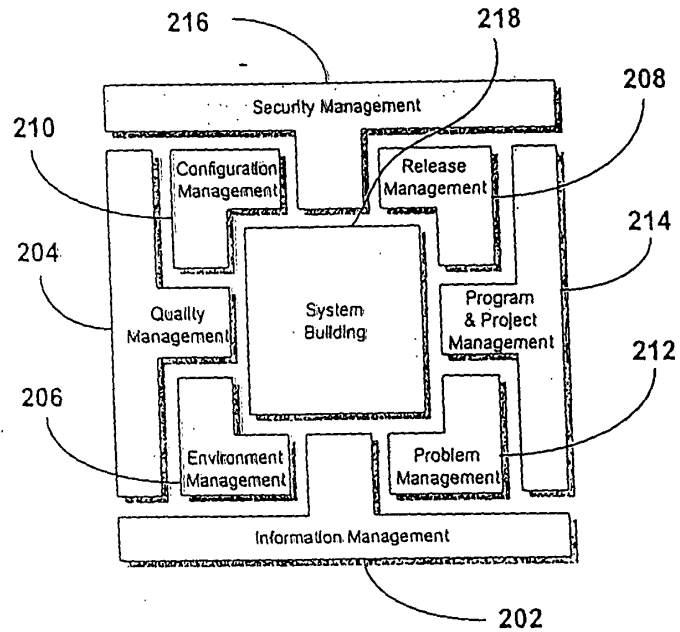


Figure 2C 53

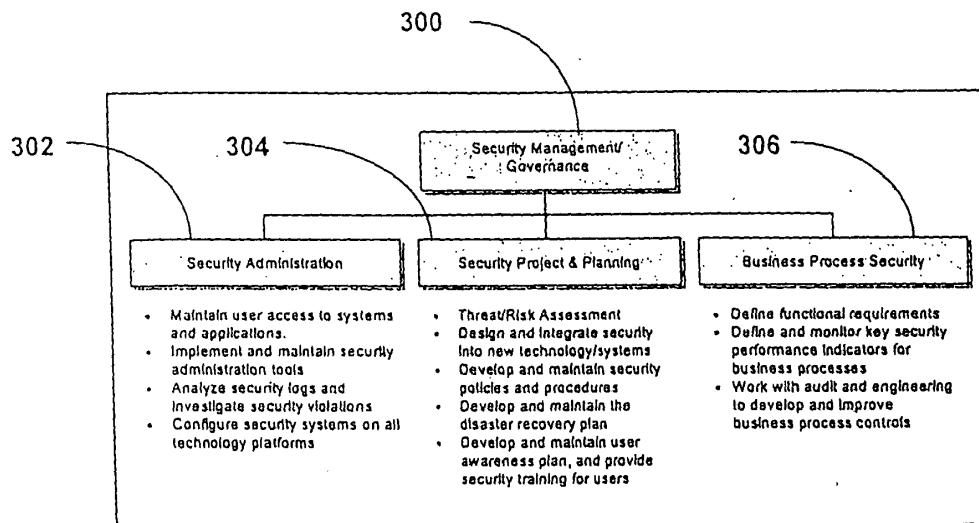


Figure 54

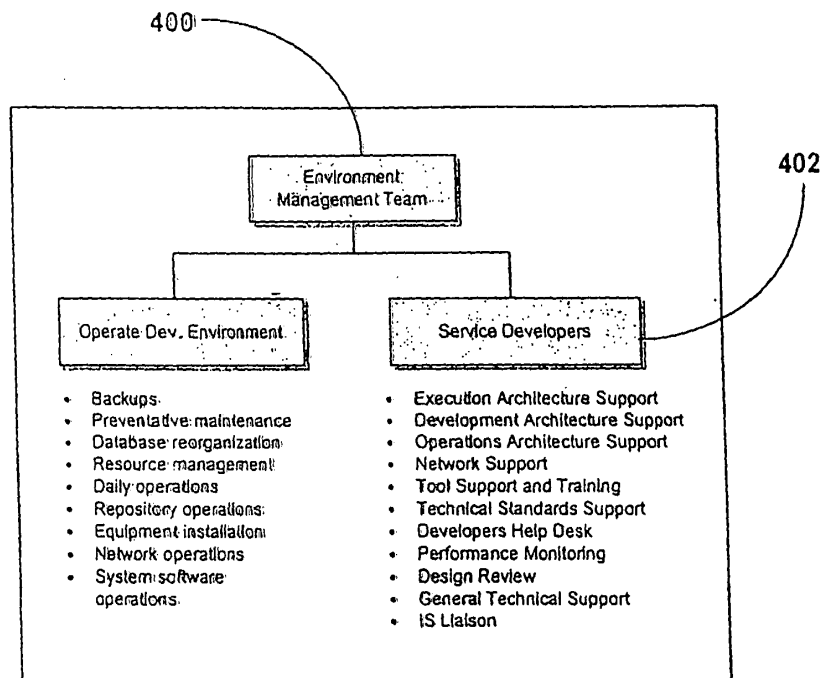


Figure 55

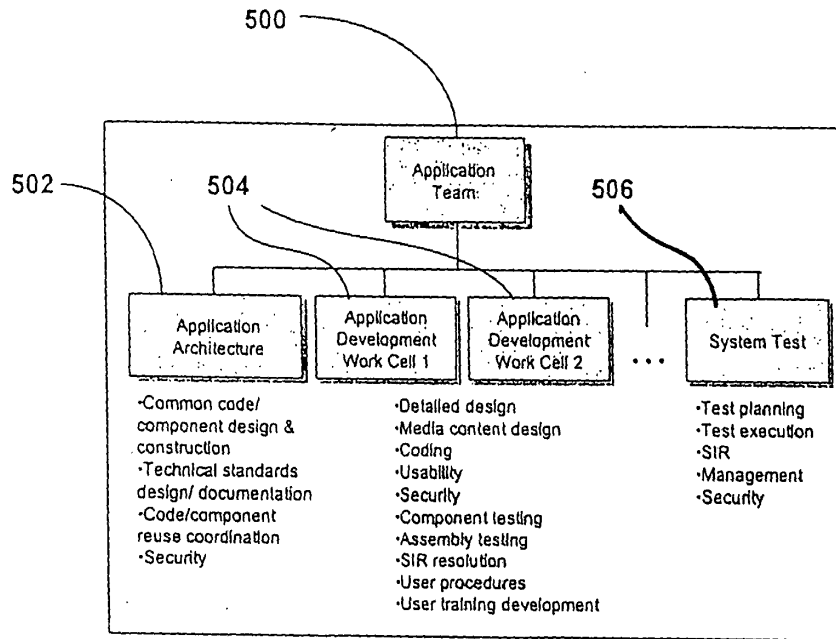


Figure 56



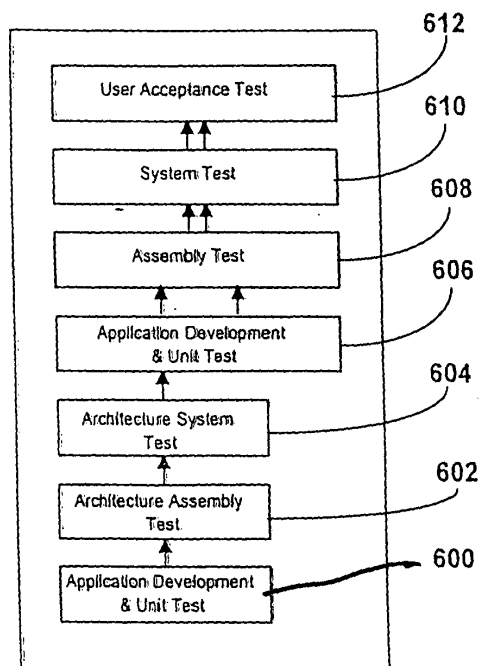


Figure 57

ANNOTATED SHEET SHOWING CHANGES

Inventor: GUHEEN ET AL. Docket No.: 8567.111USC1

Title: BUSINESS ALLIANCE IDENTIFICATION IN A WEB ARCHITECTURE  
FRAMEWORK (AS AMENDED HEREIN)

Attorney Name: JEFFREY P. COOK

Phone No.: 612.332.5300

Sheet 58 of 97

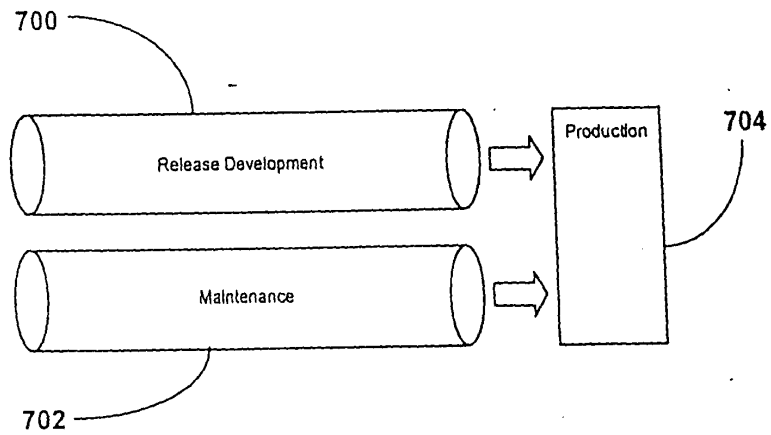


Figure 58

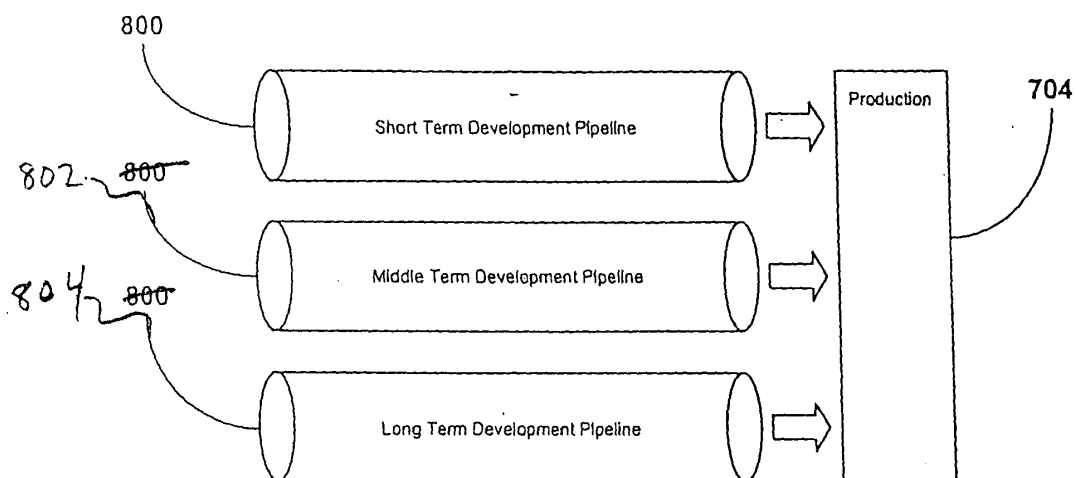


Figure 8 <sup>59</sup>

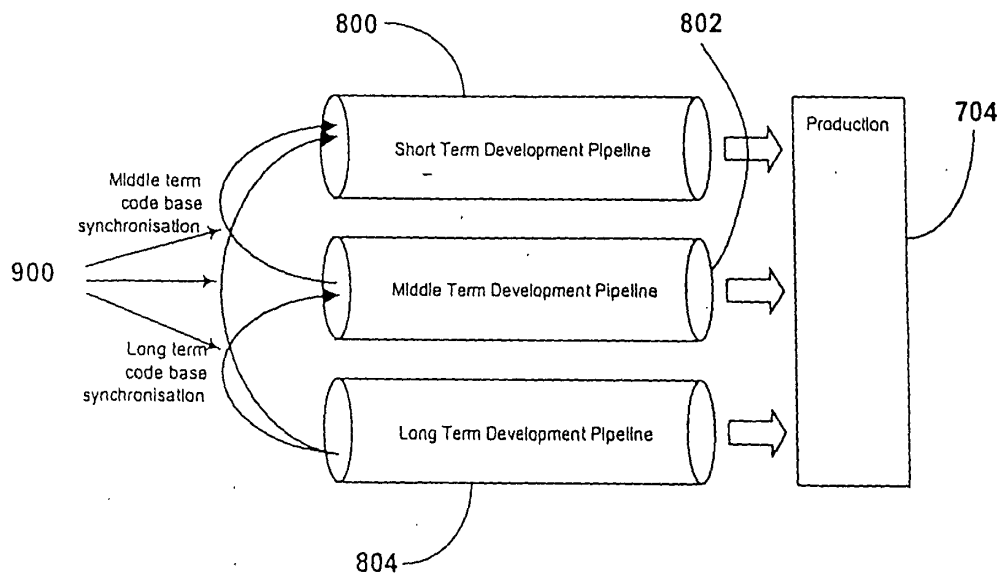


Figure 160

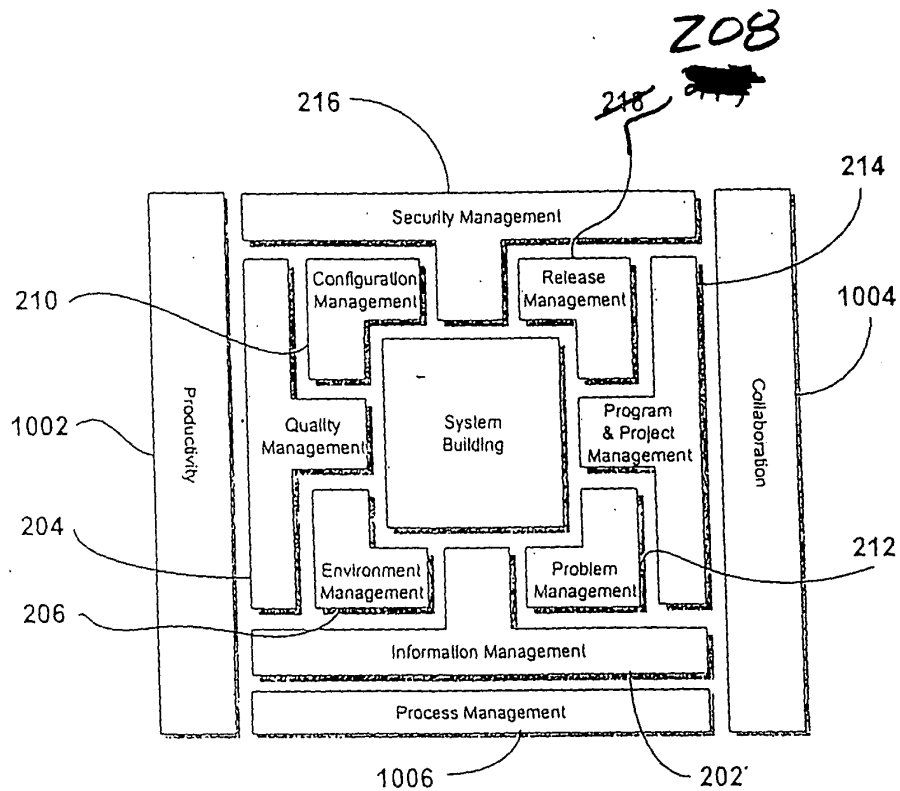


Figure 10 <sup>61</sup>

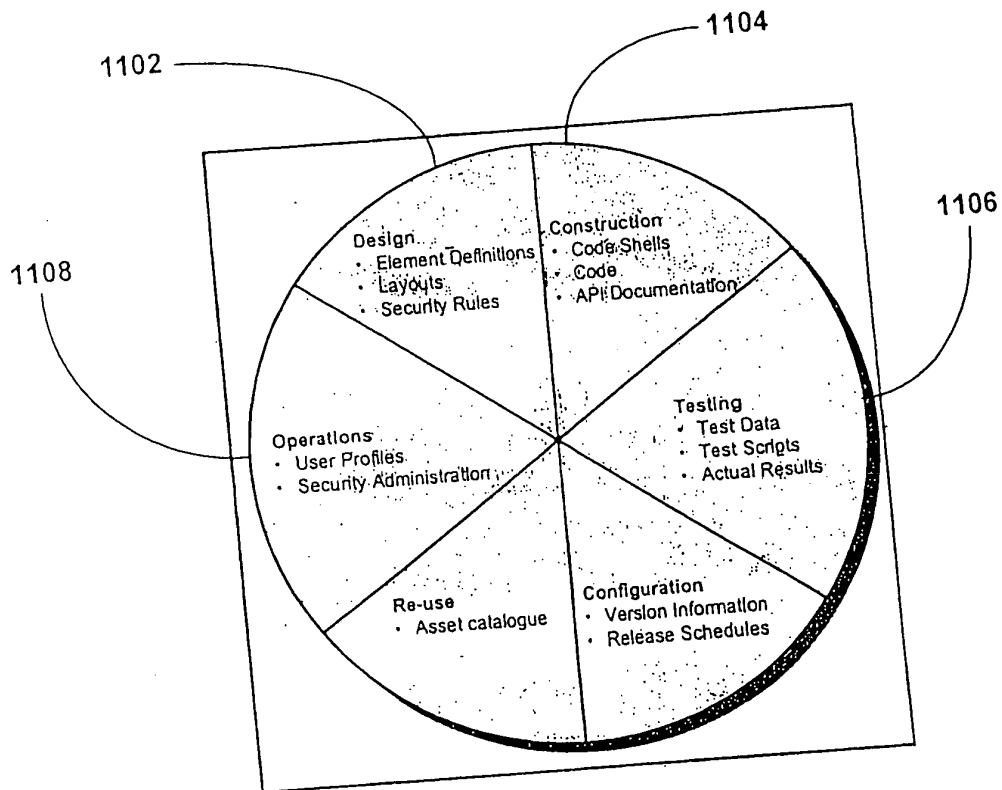


Figure 11 <sup>62</sup>

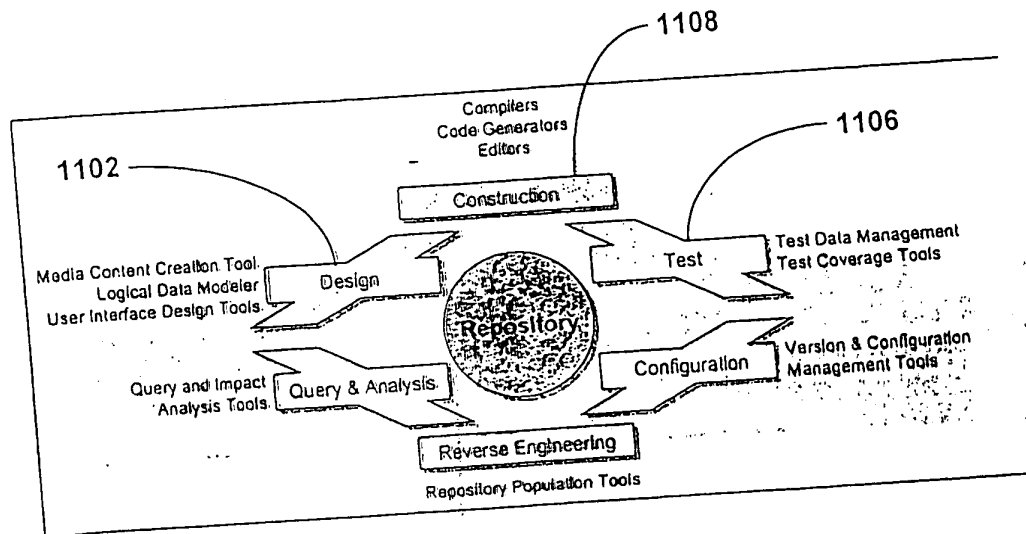


Figure 12 <sup>63</sup>

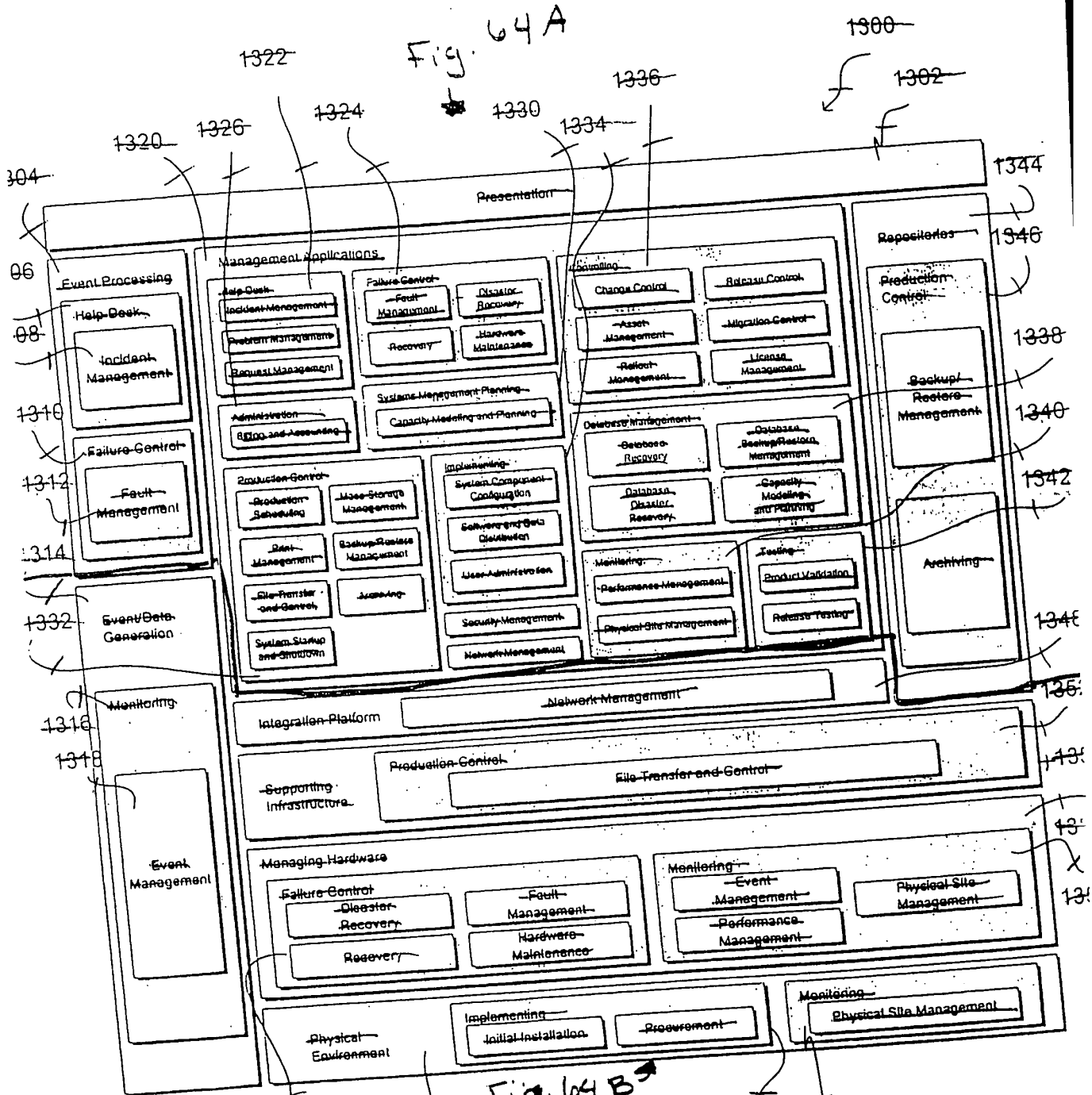
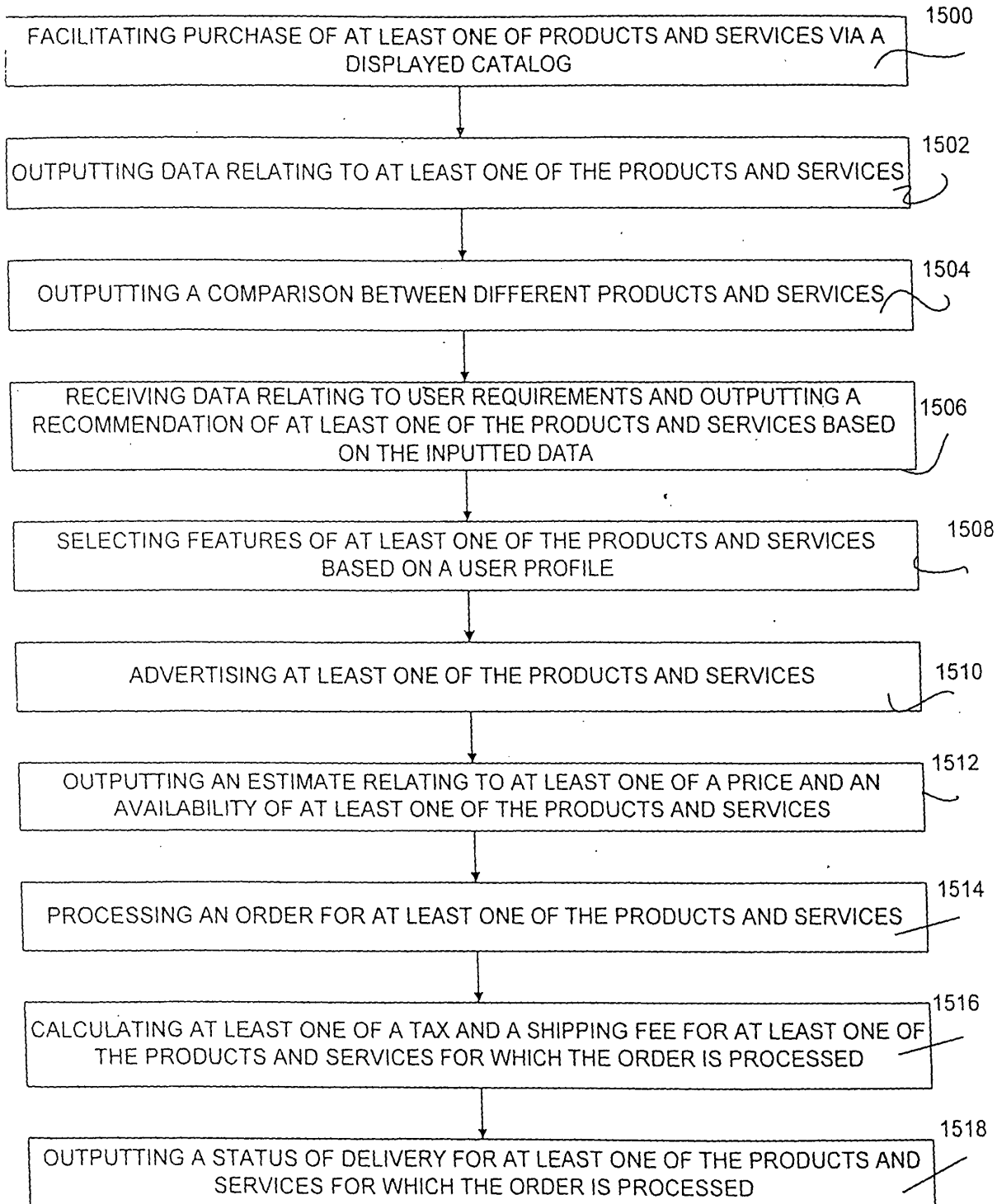


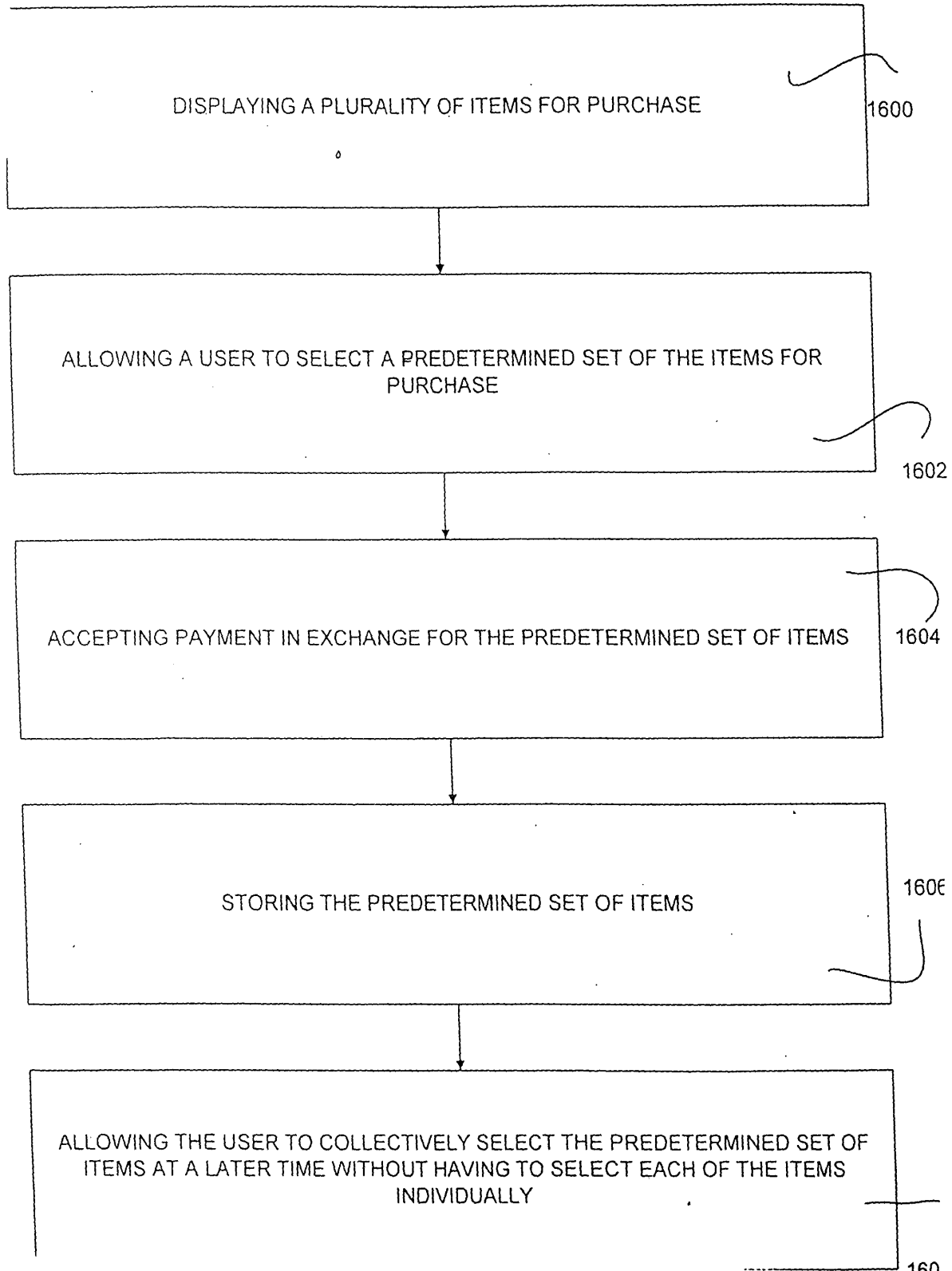
Fig. 64B

Figure 13









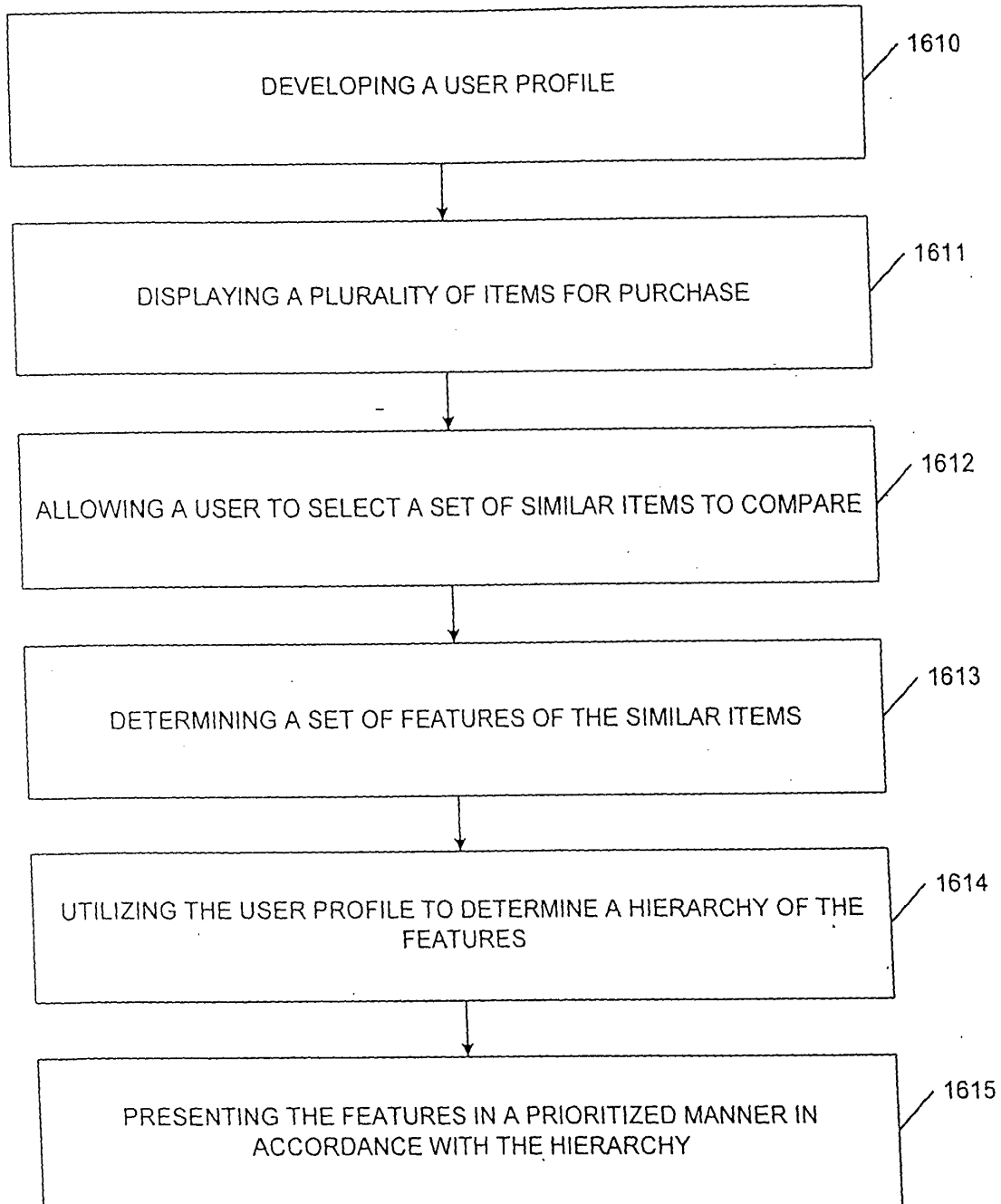


Figure 16A

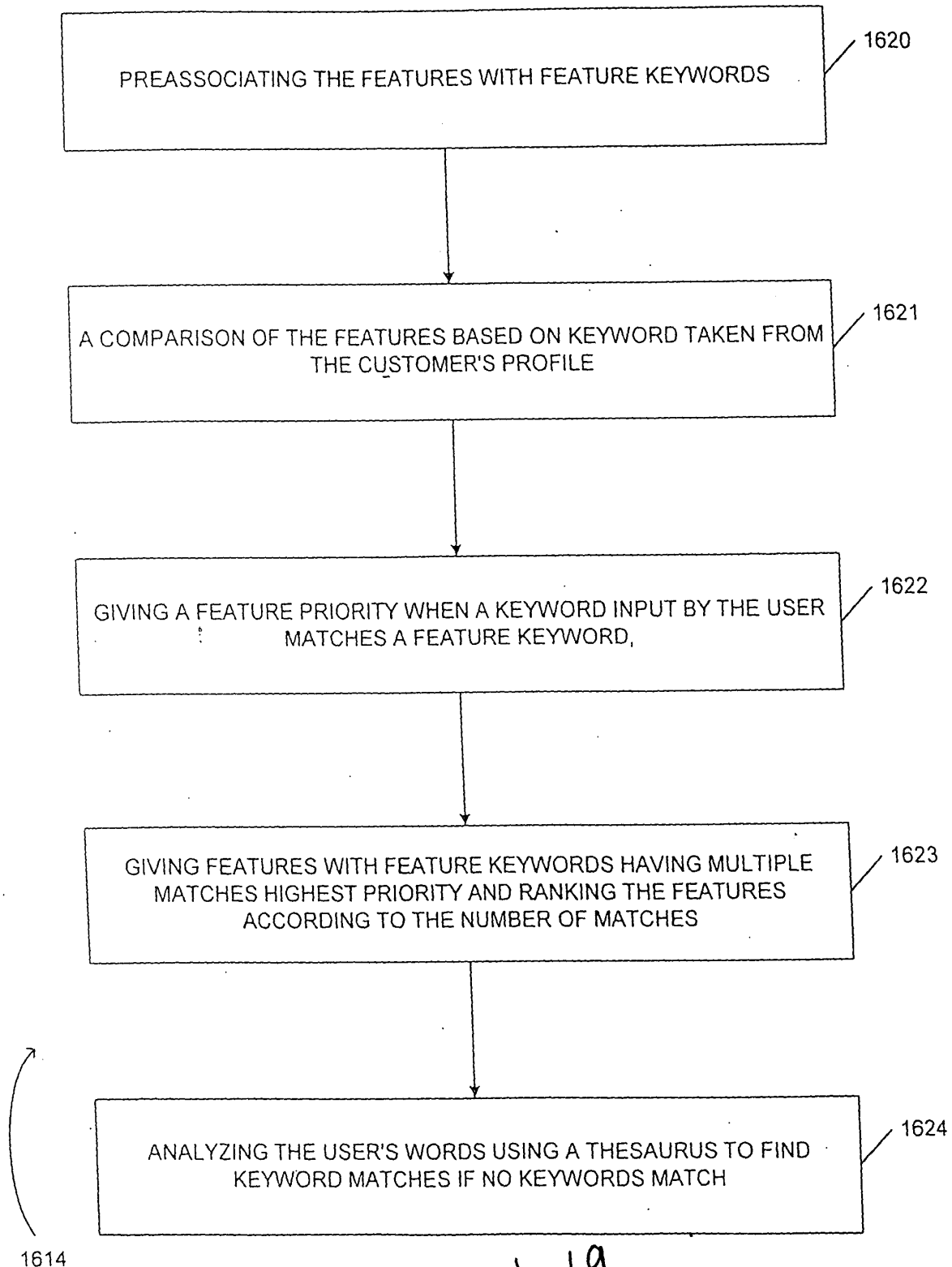
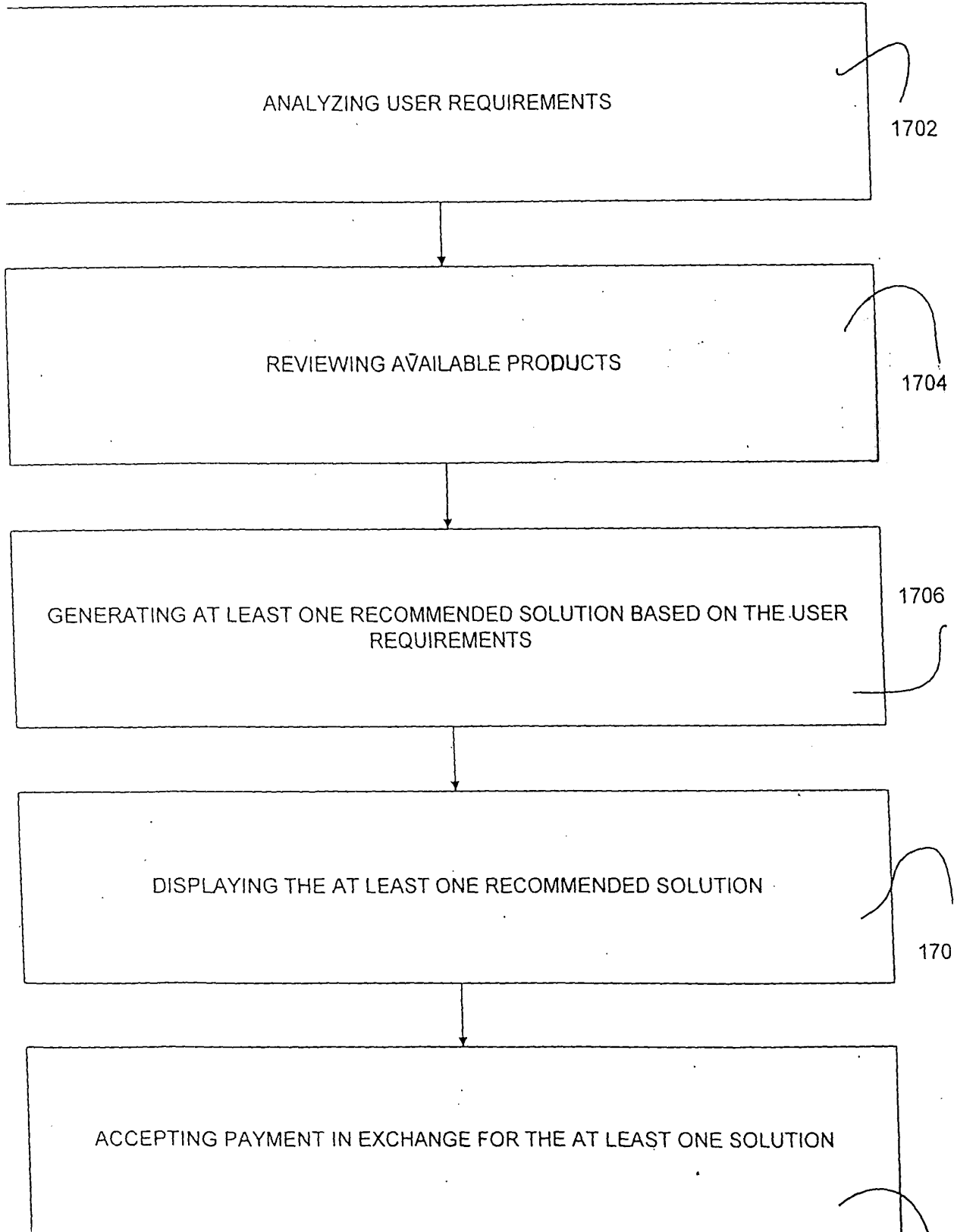


Figure 16B 69



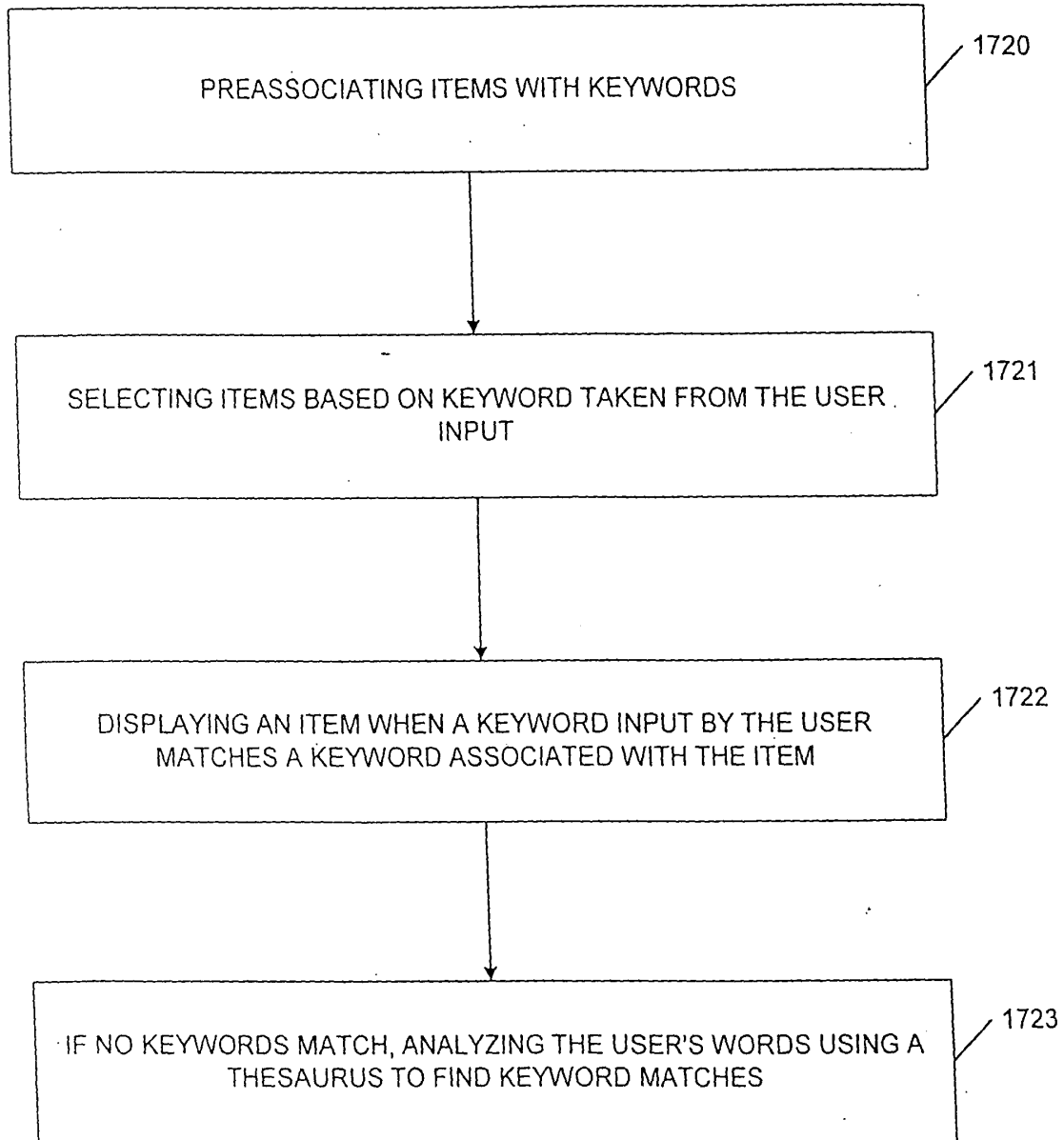
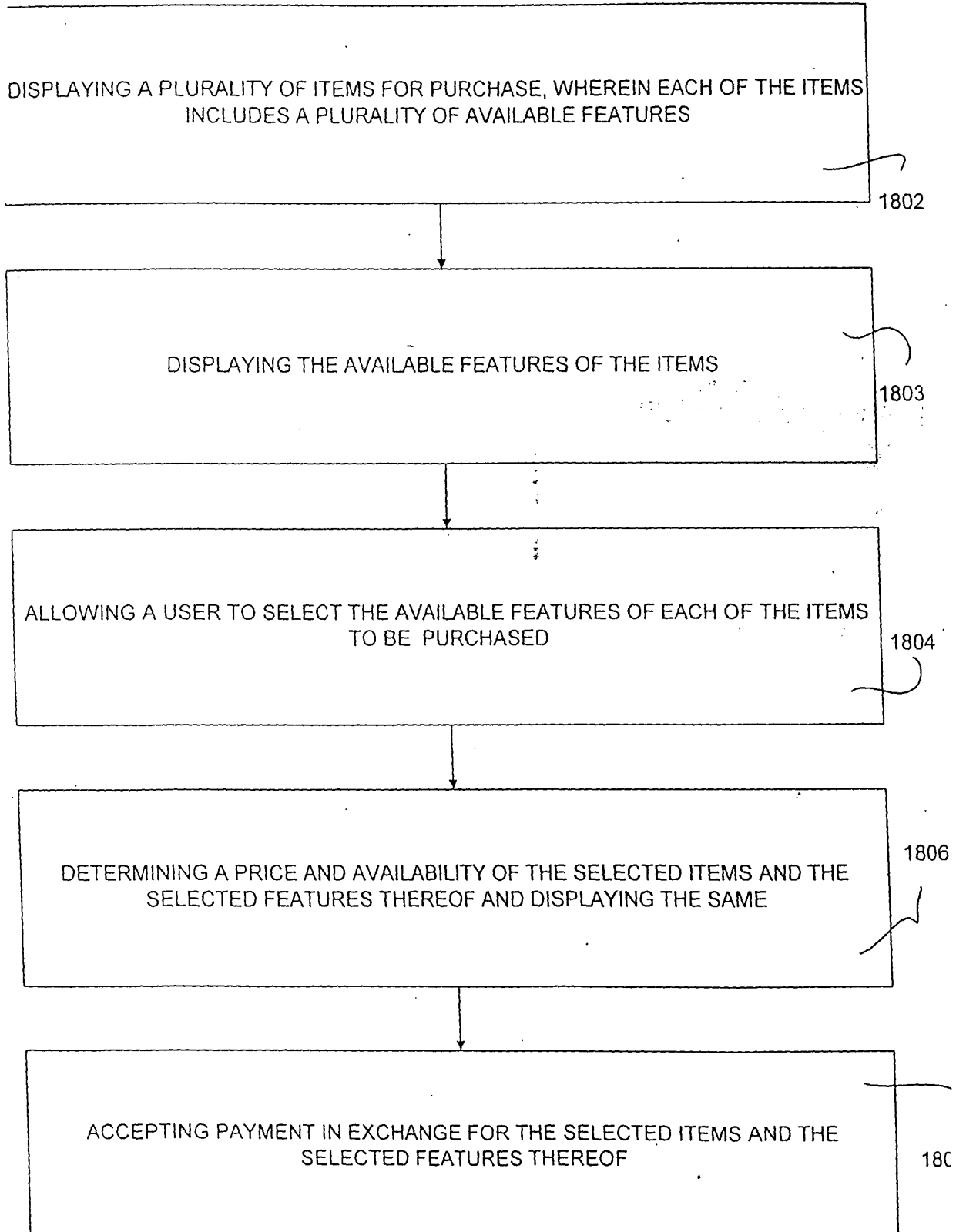
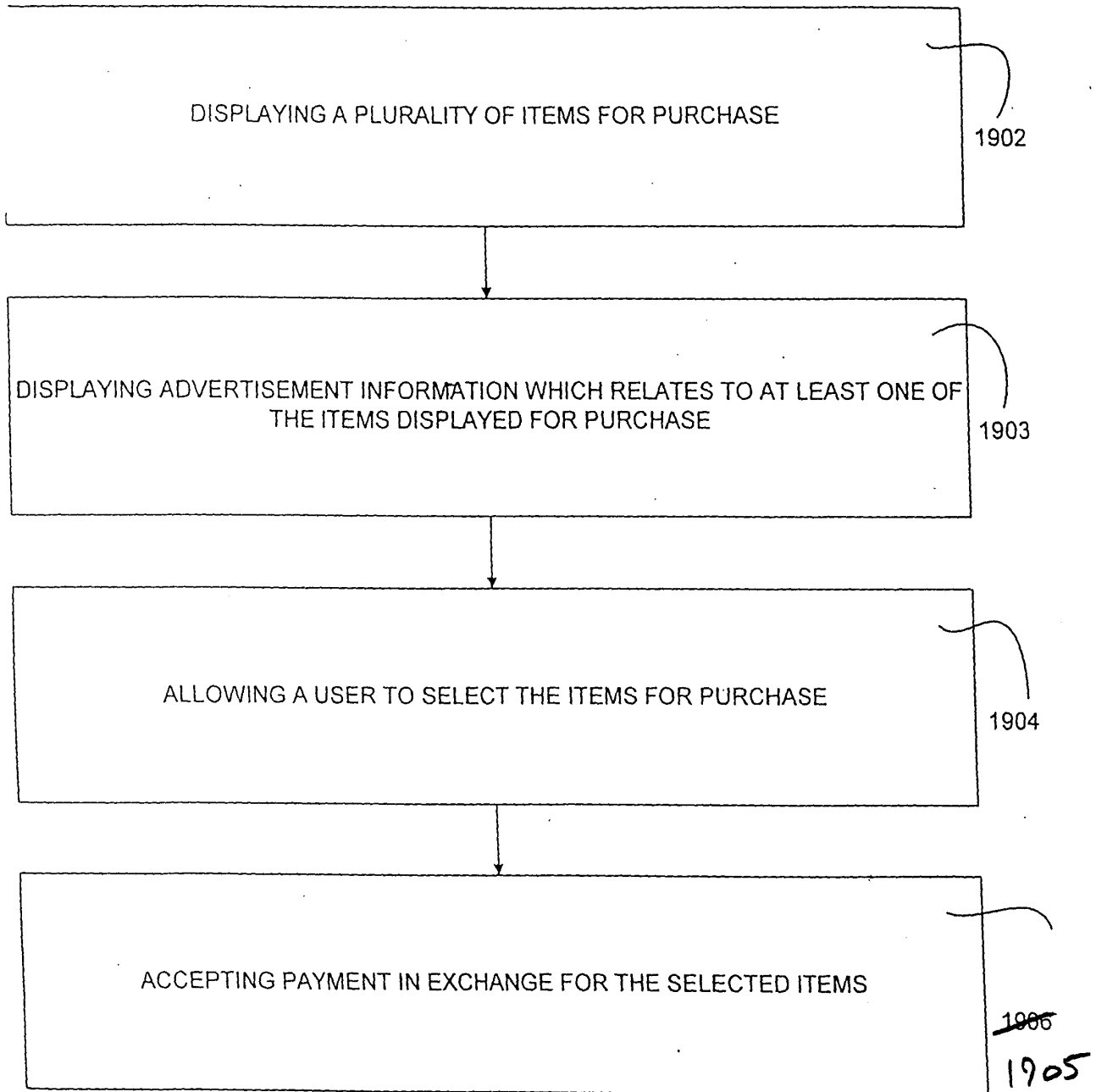
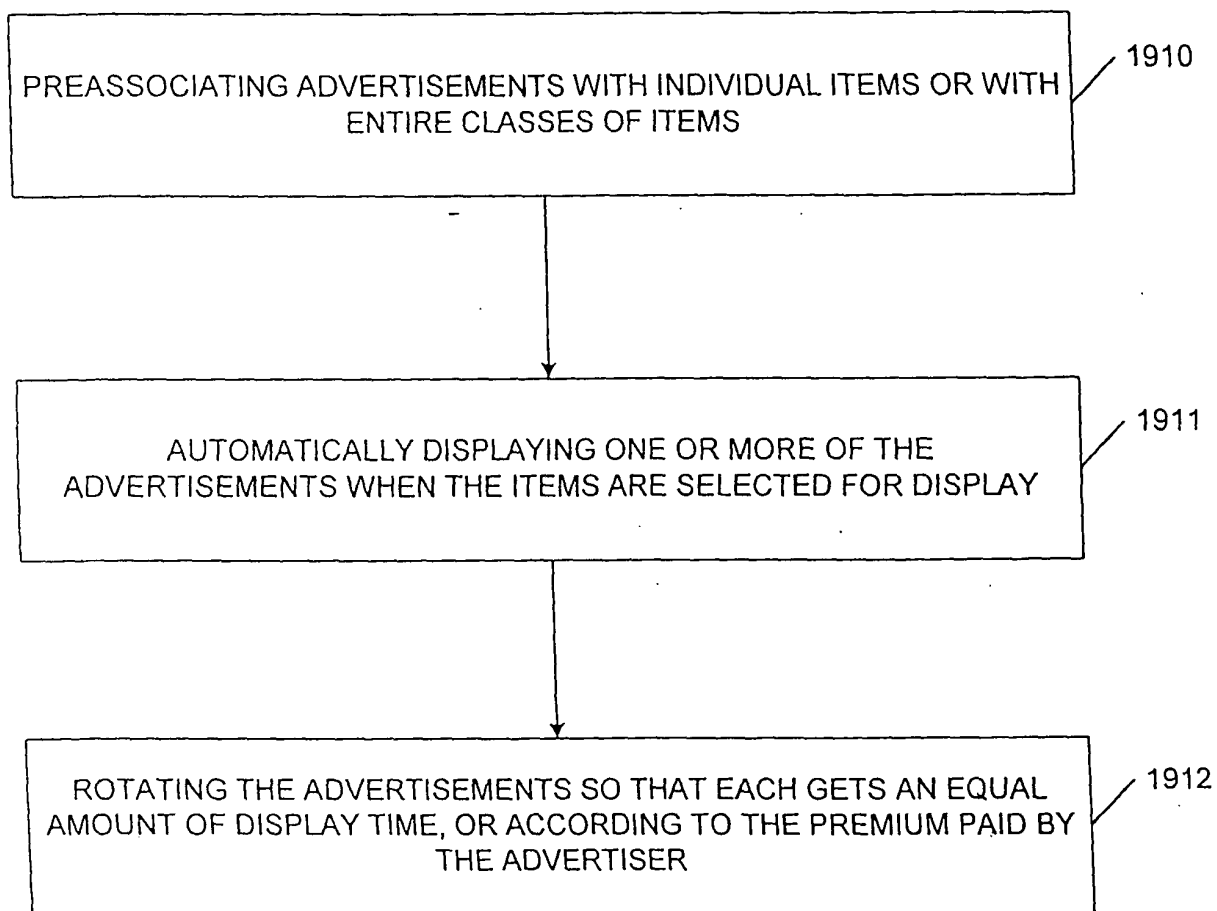


Figure 17A





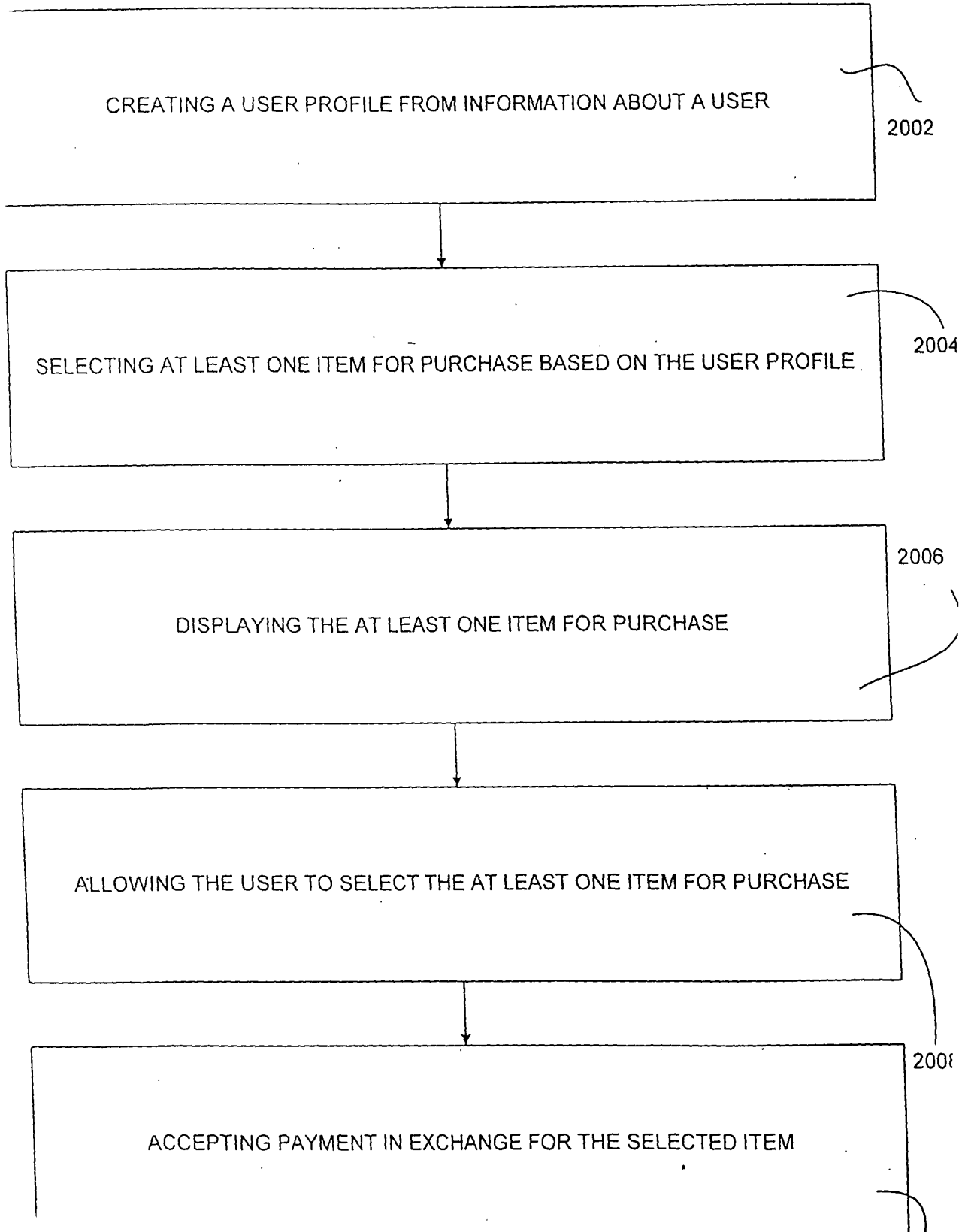


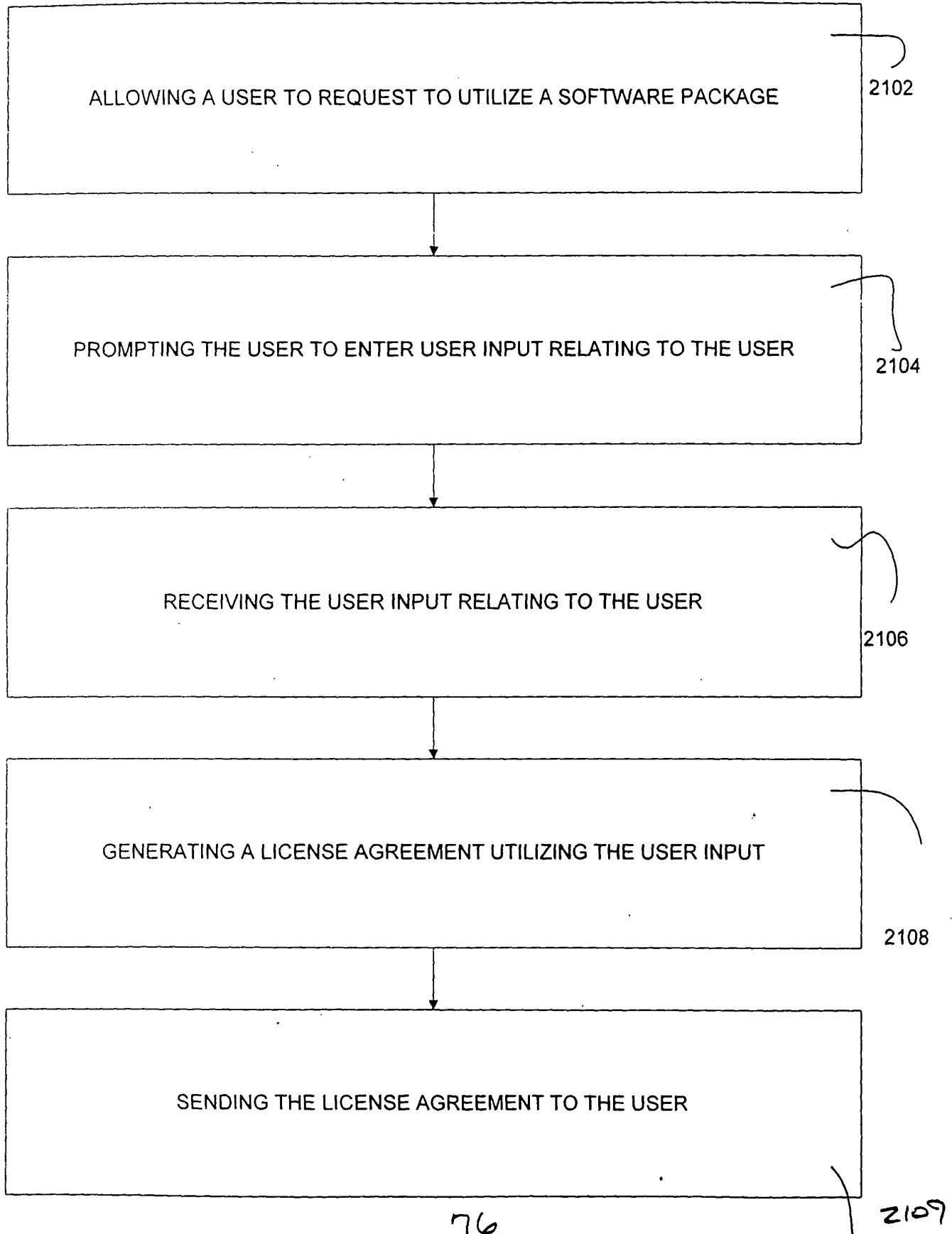


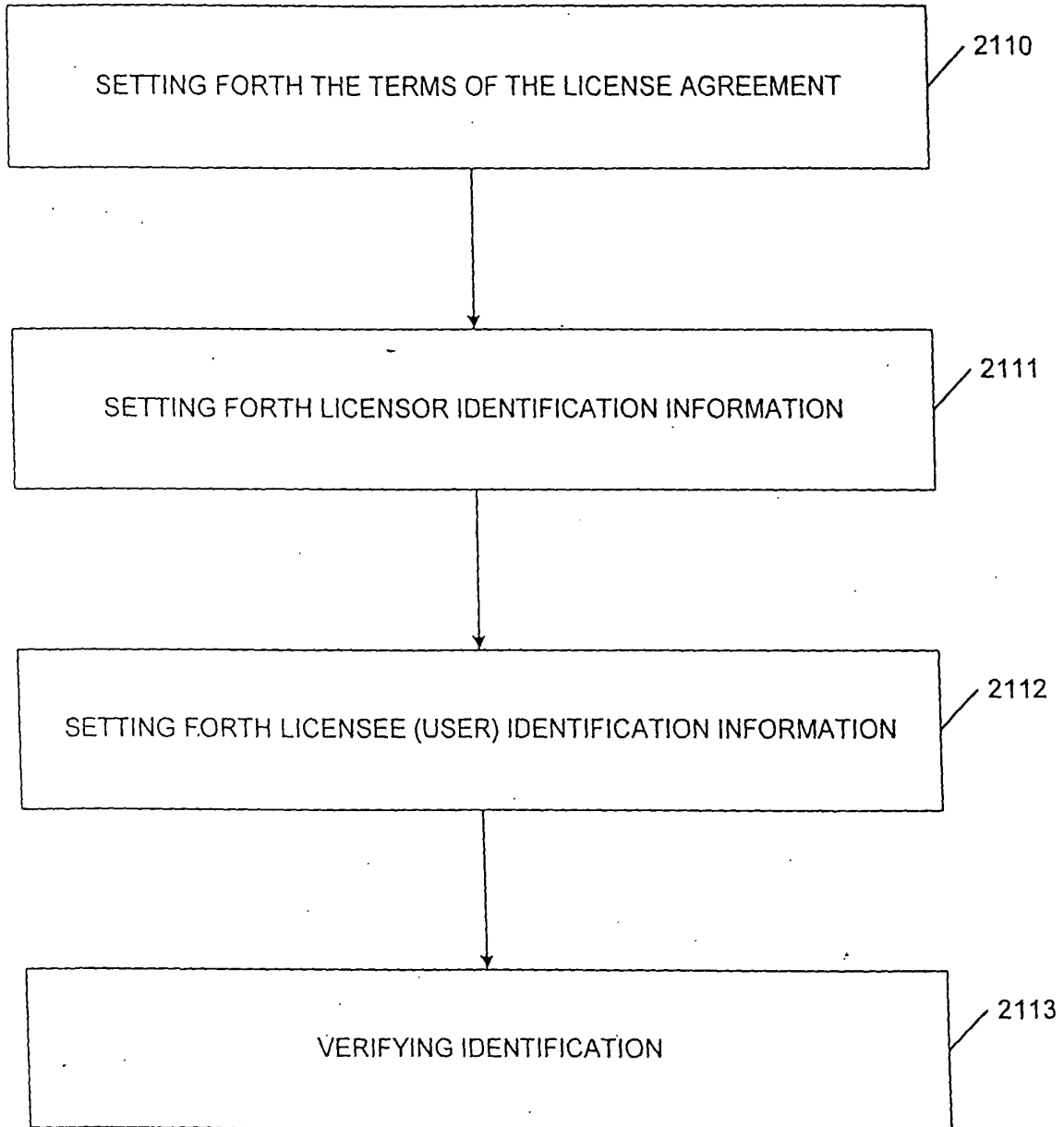
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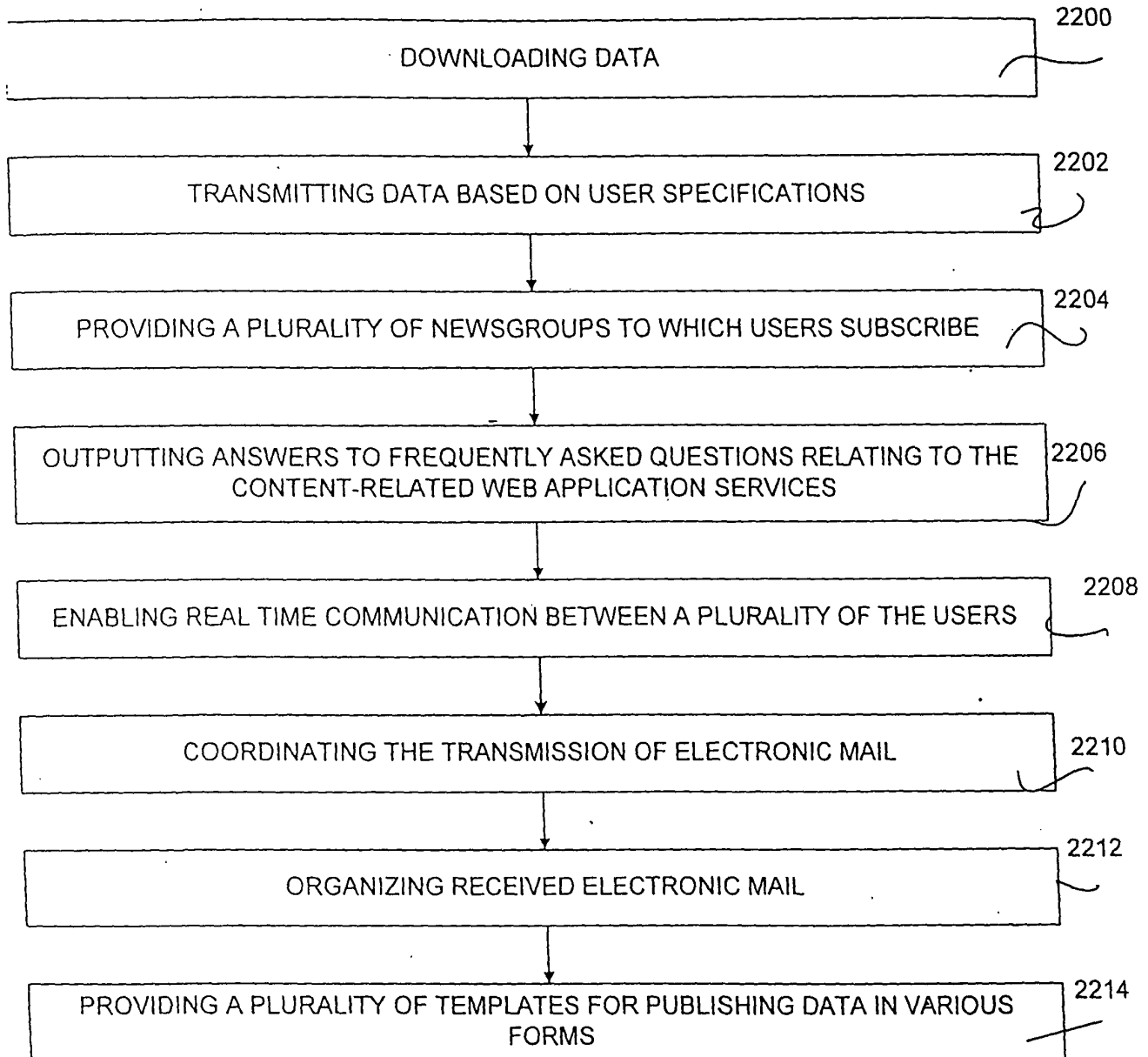
74

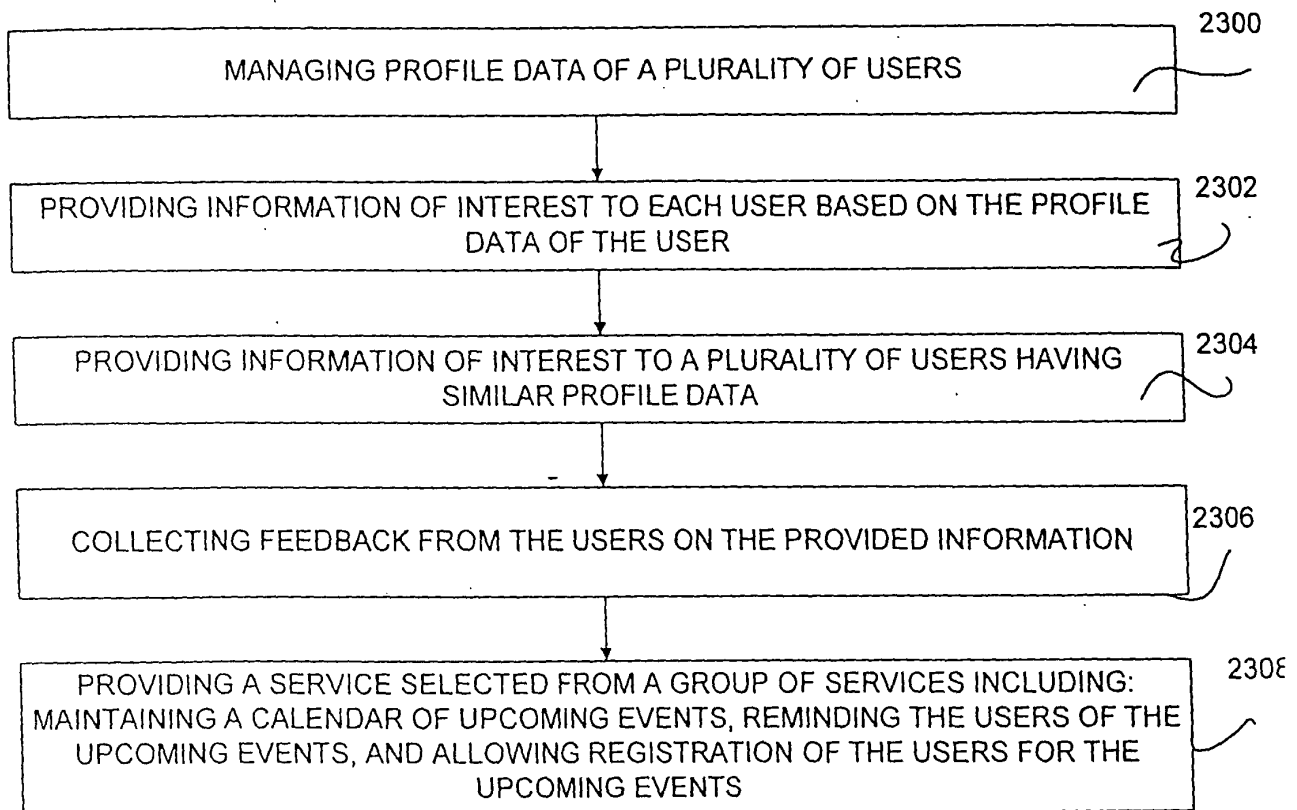
Figure 19A



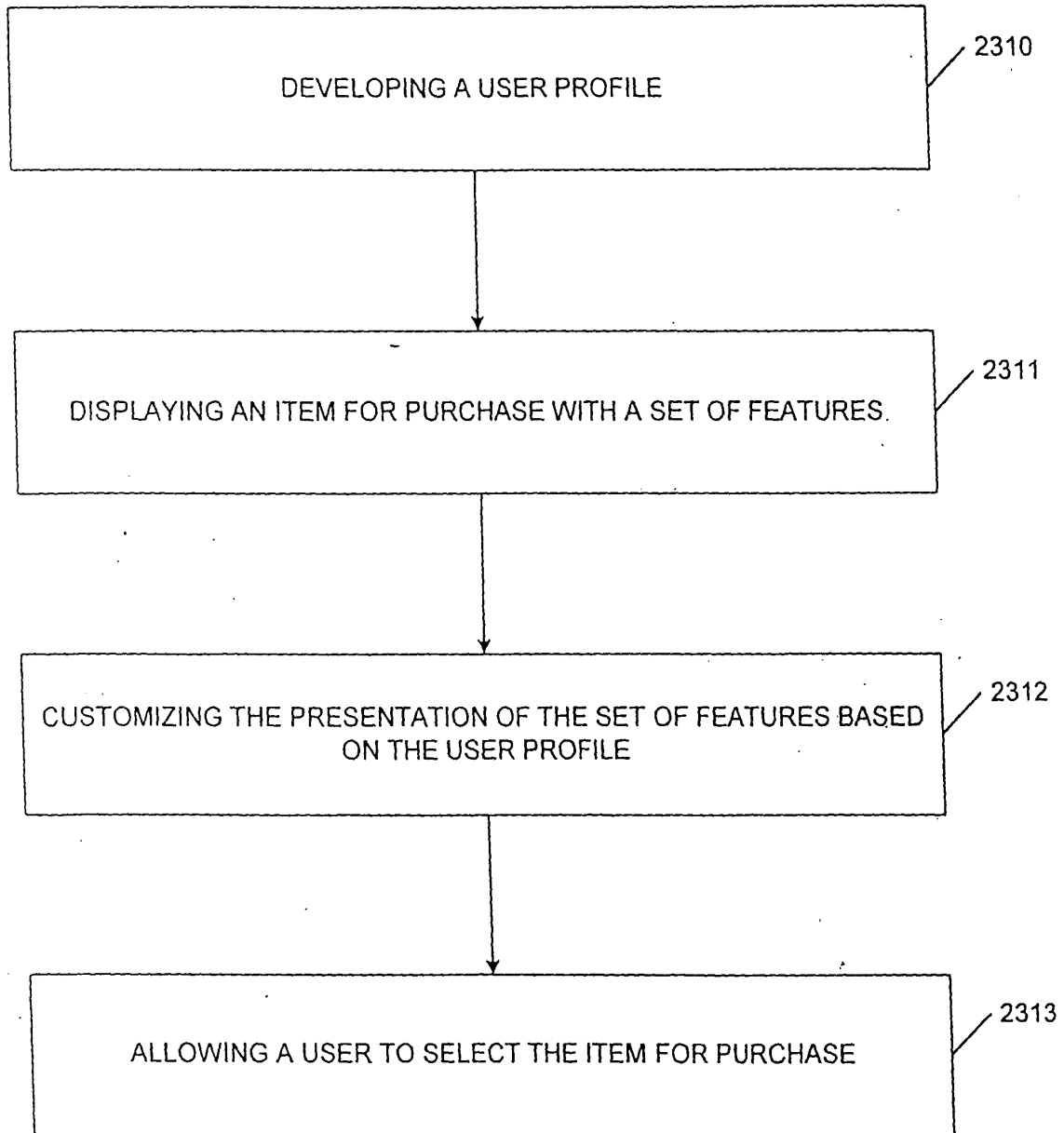








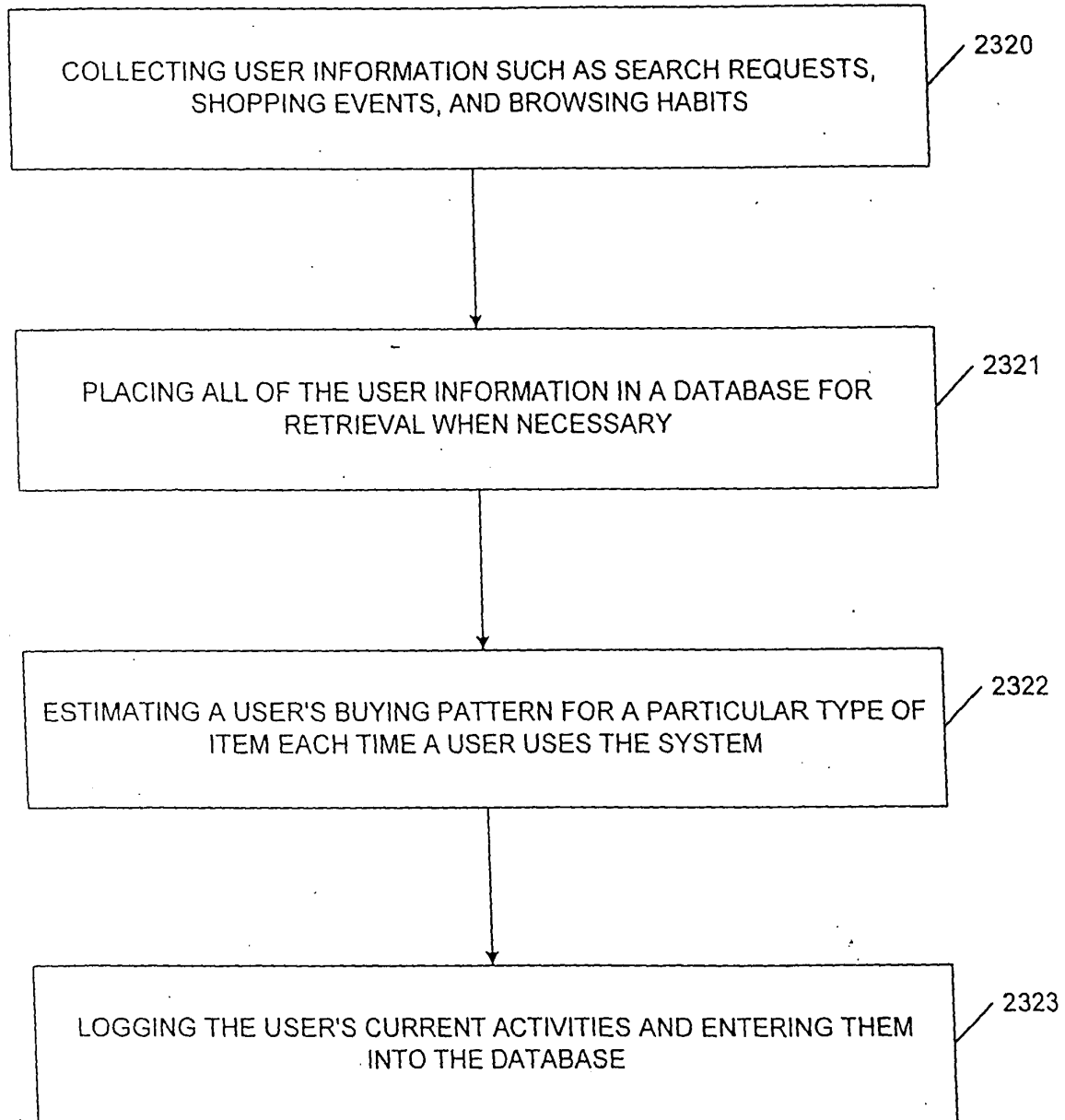
1406



2300

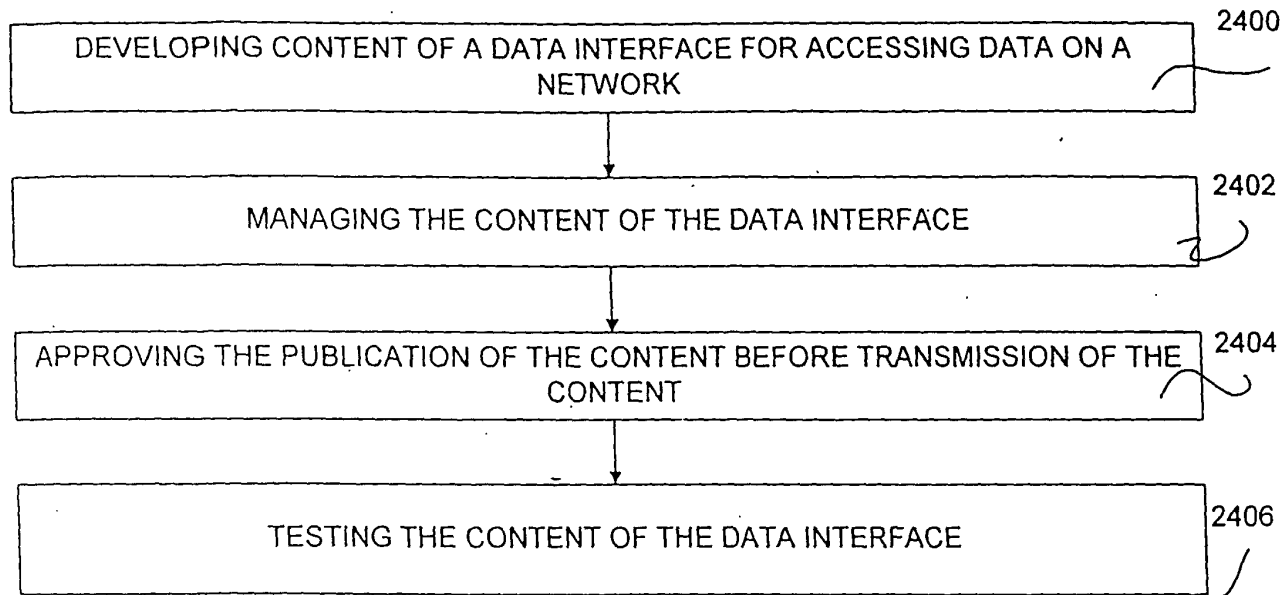
Figure 23A



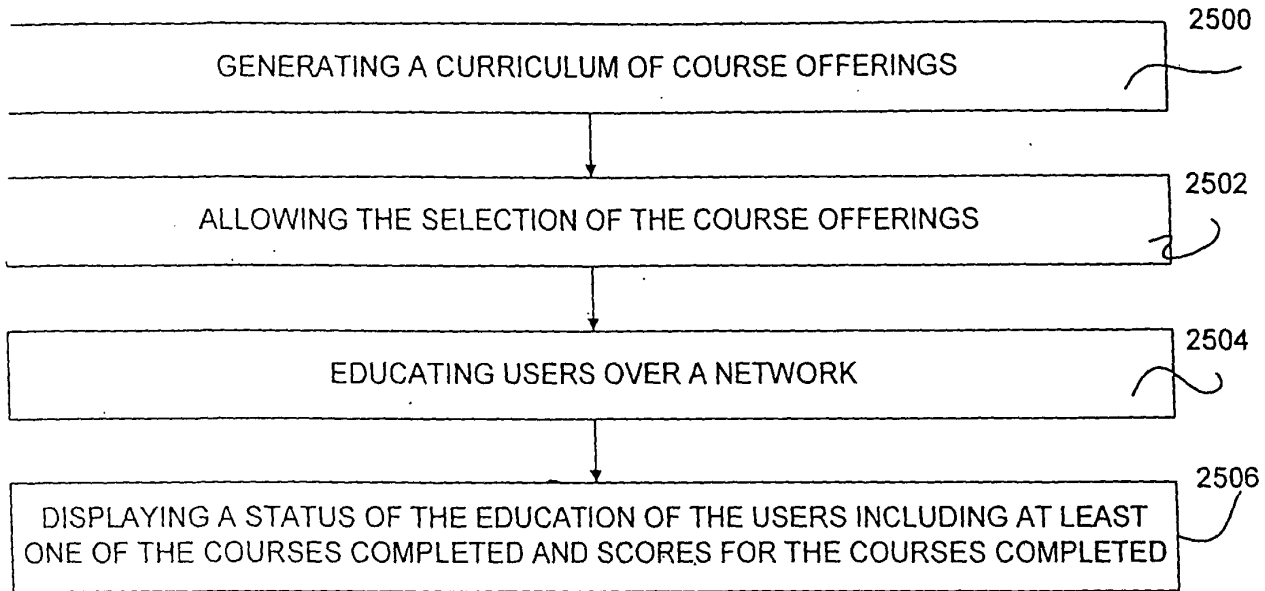


2310

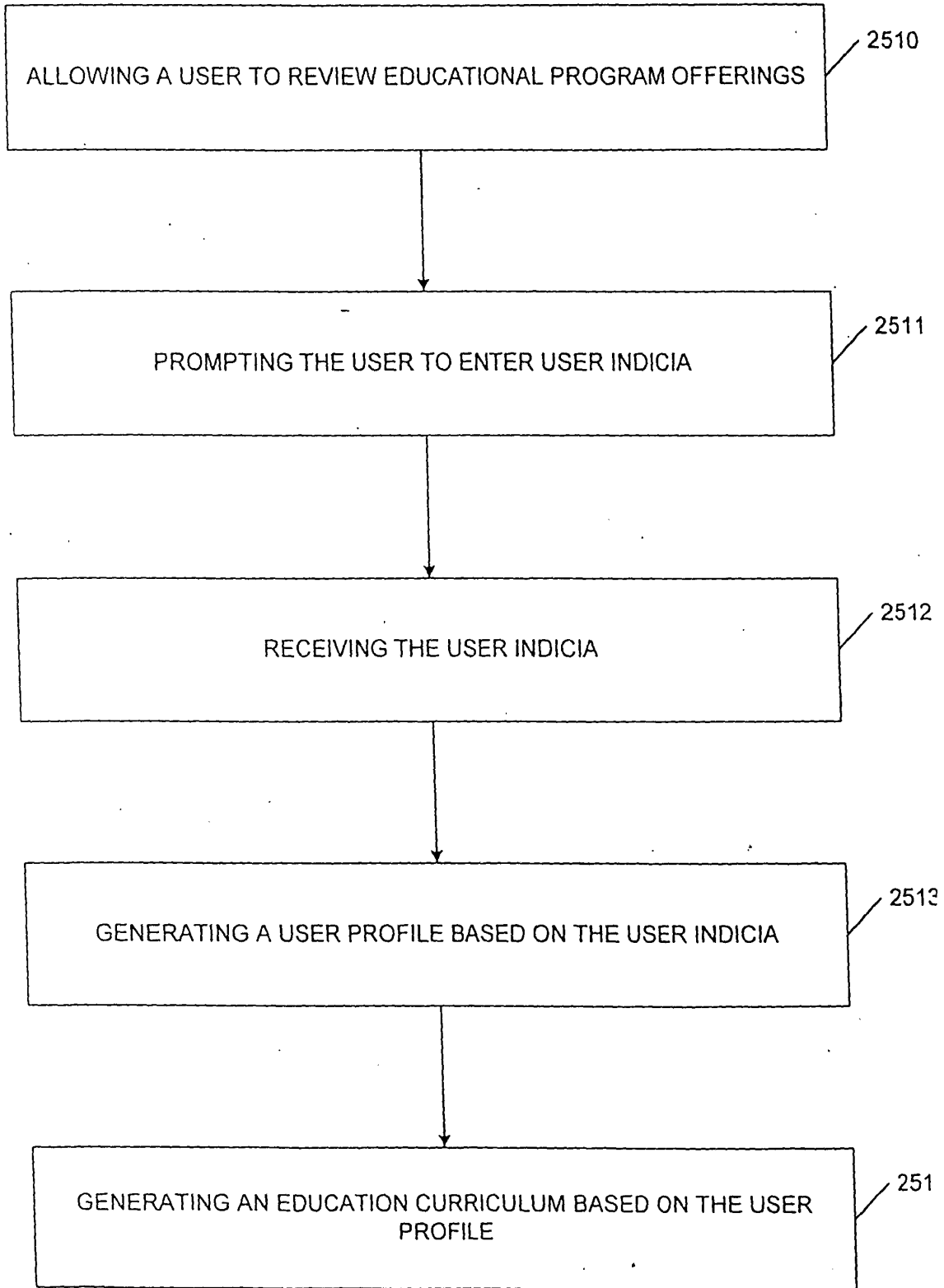
Figure 23B



1408



1410



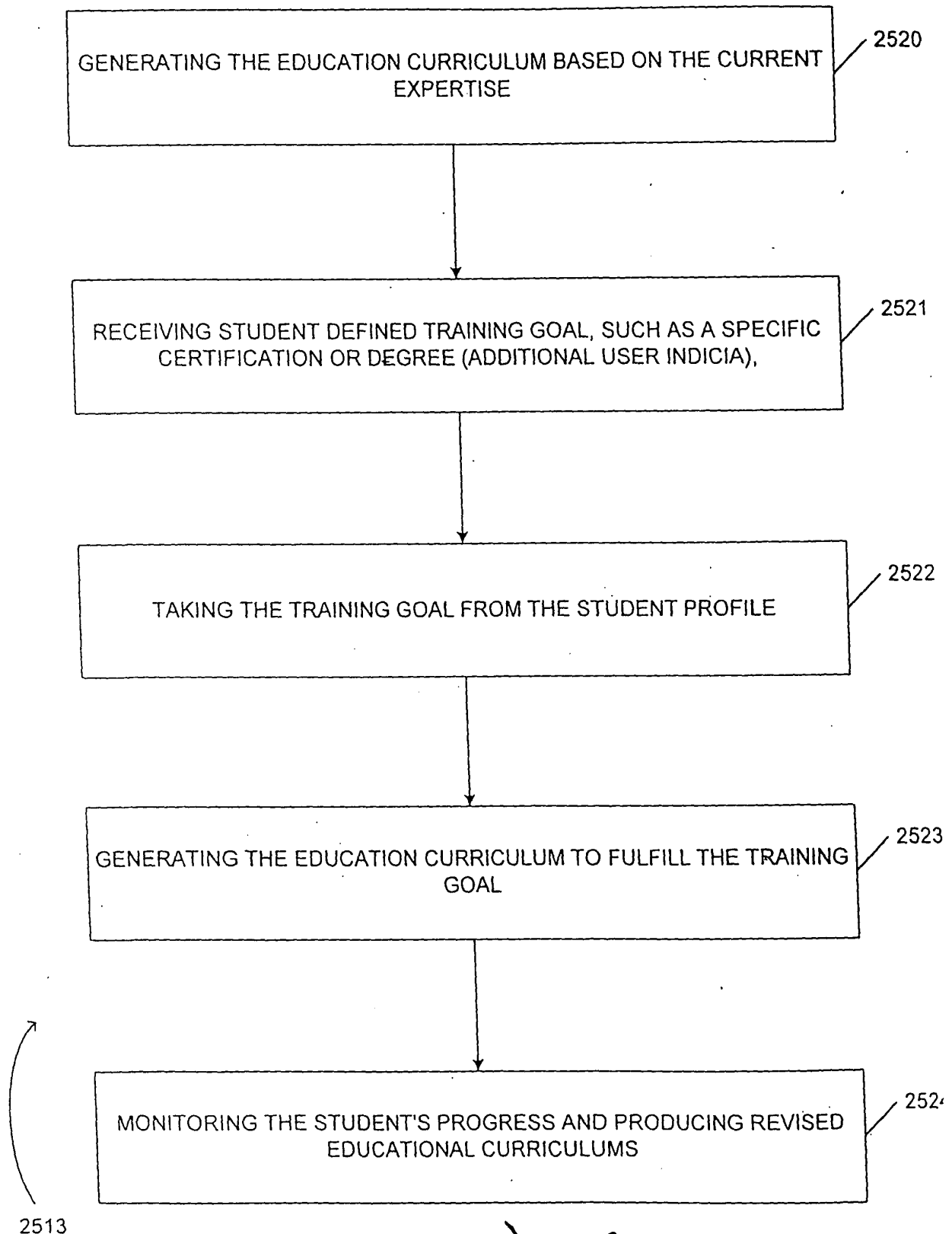
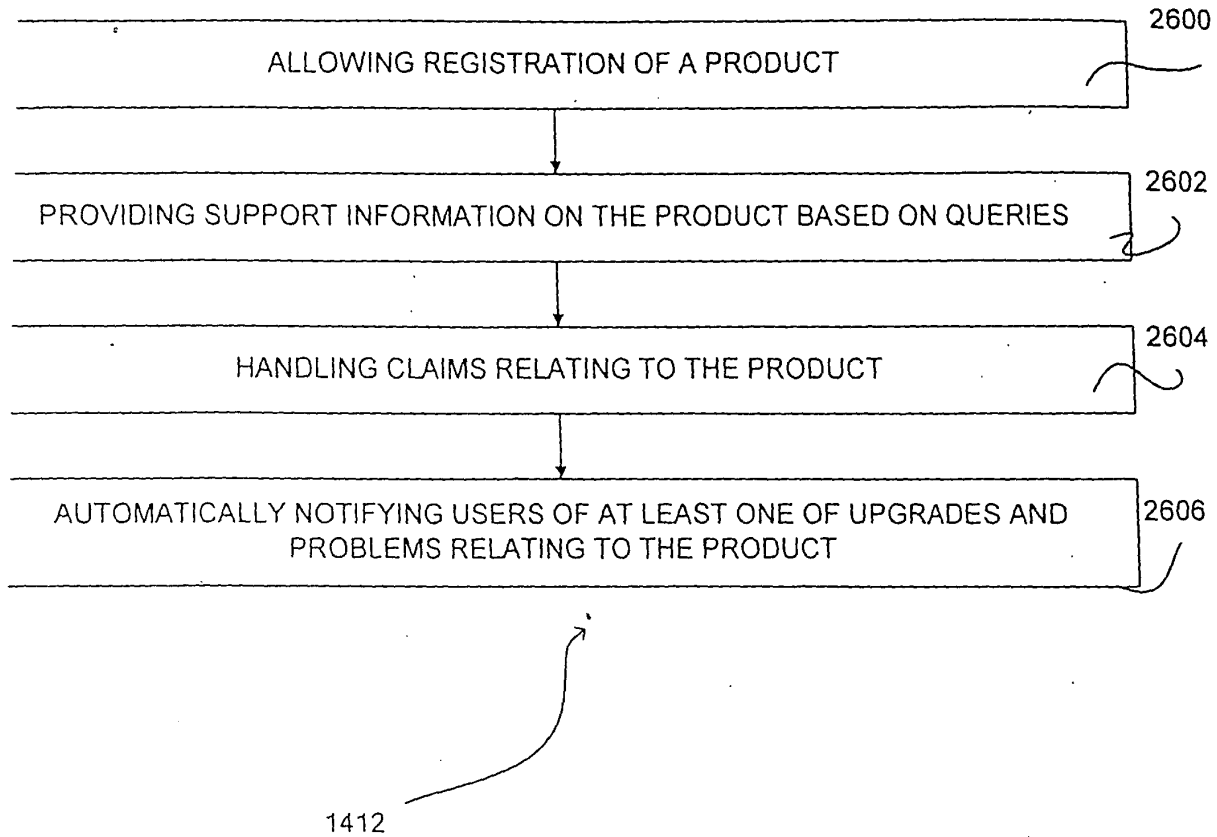
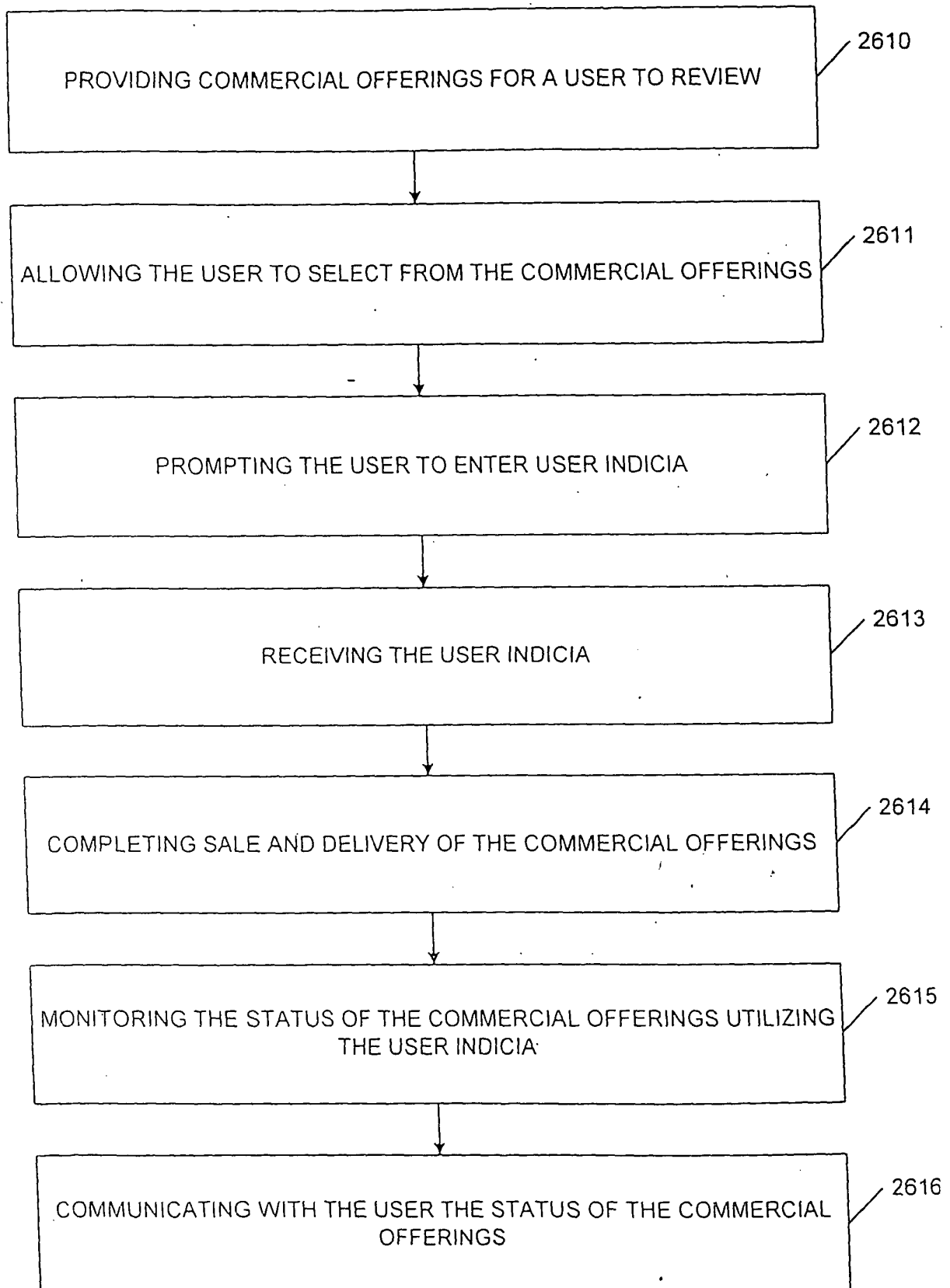


Figure 25B

85





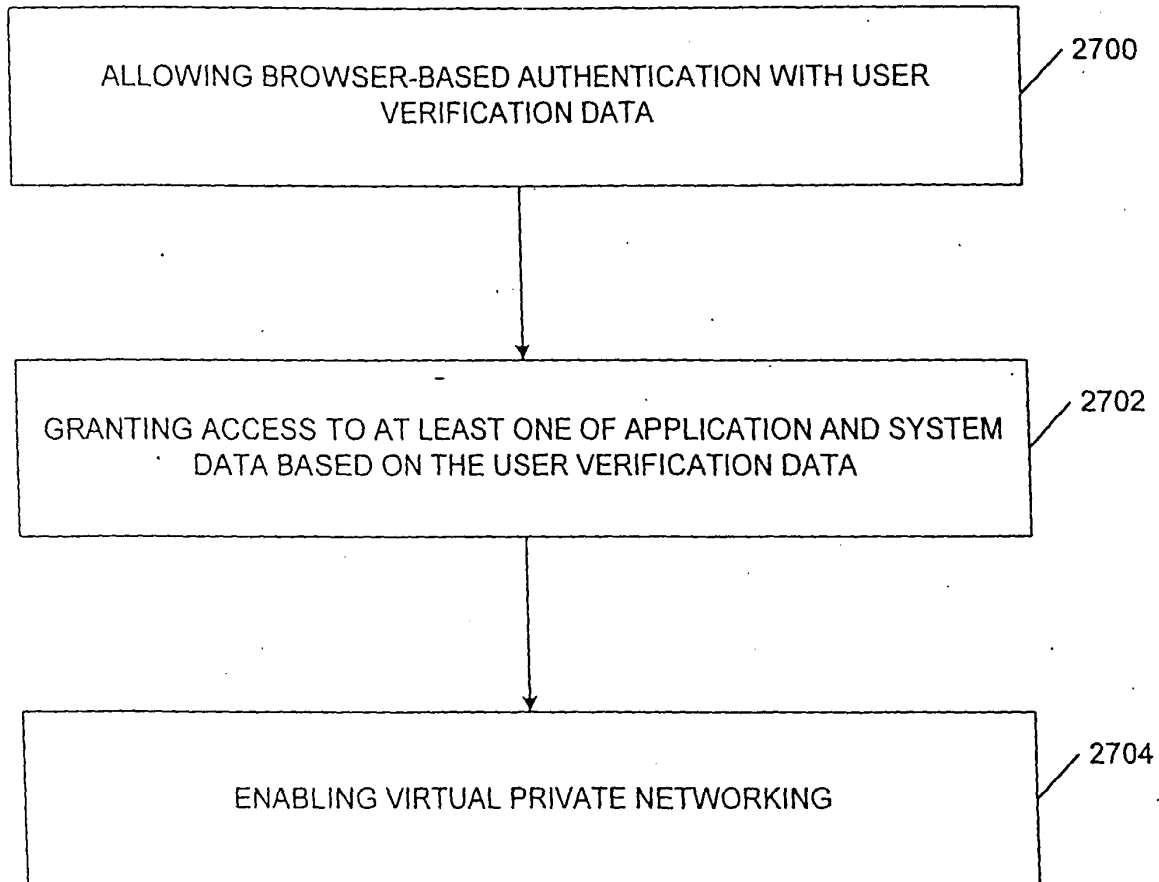


Figure 27 88



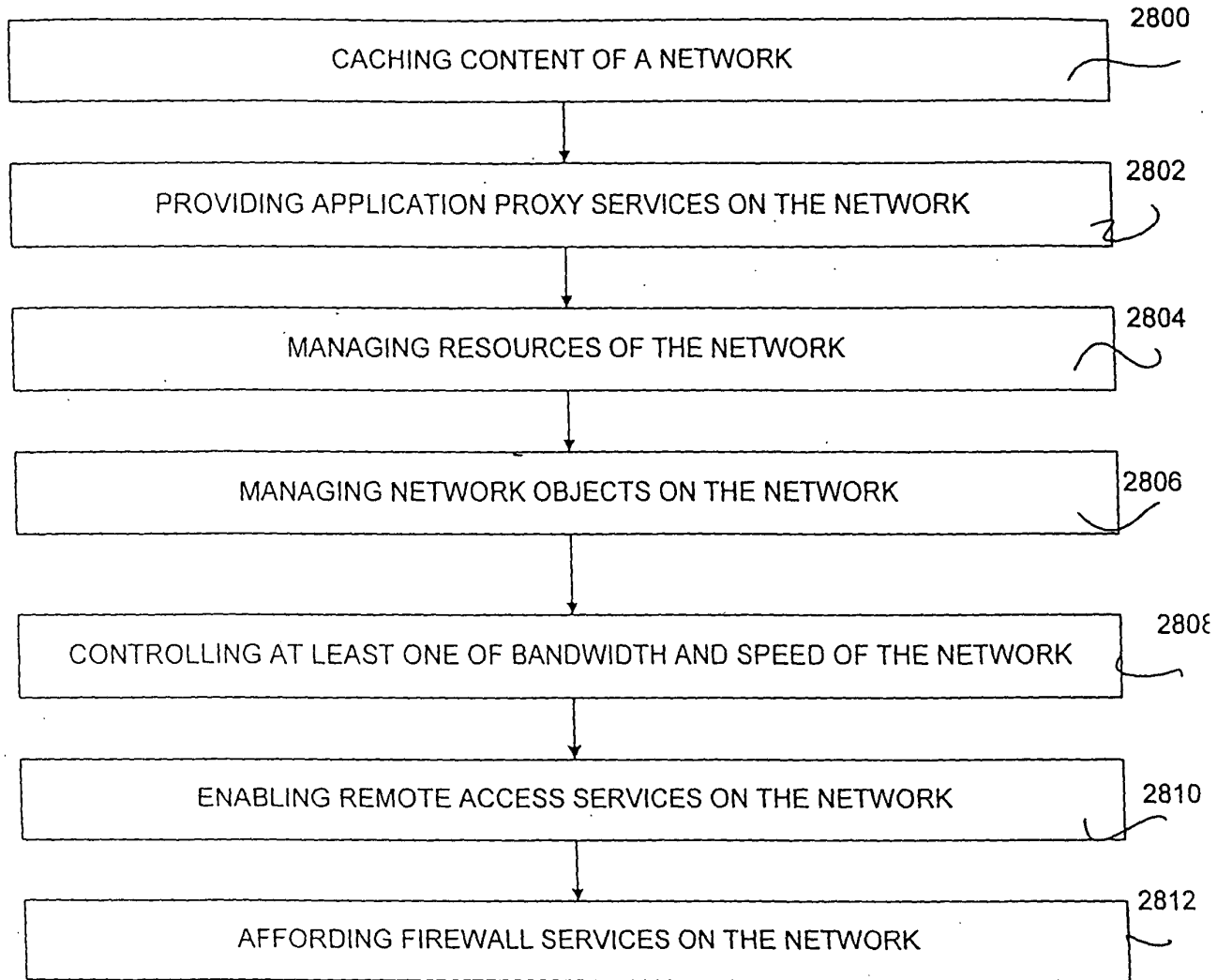


Figure 28

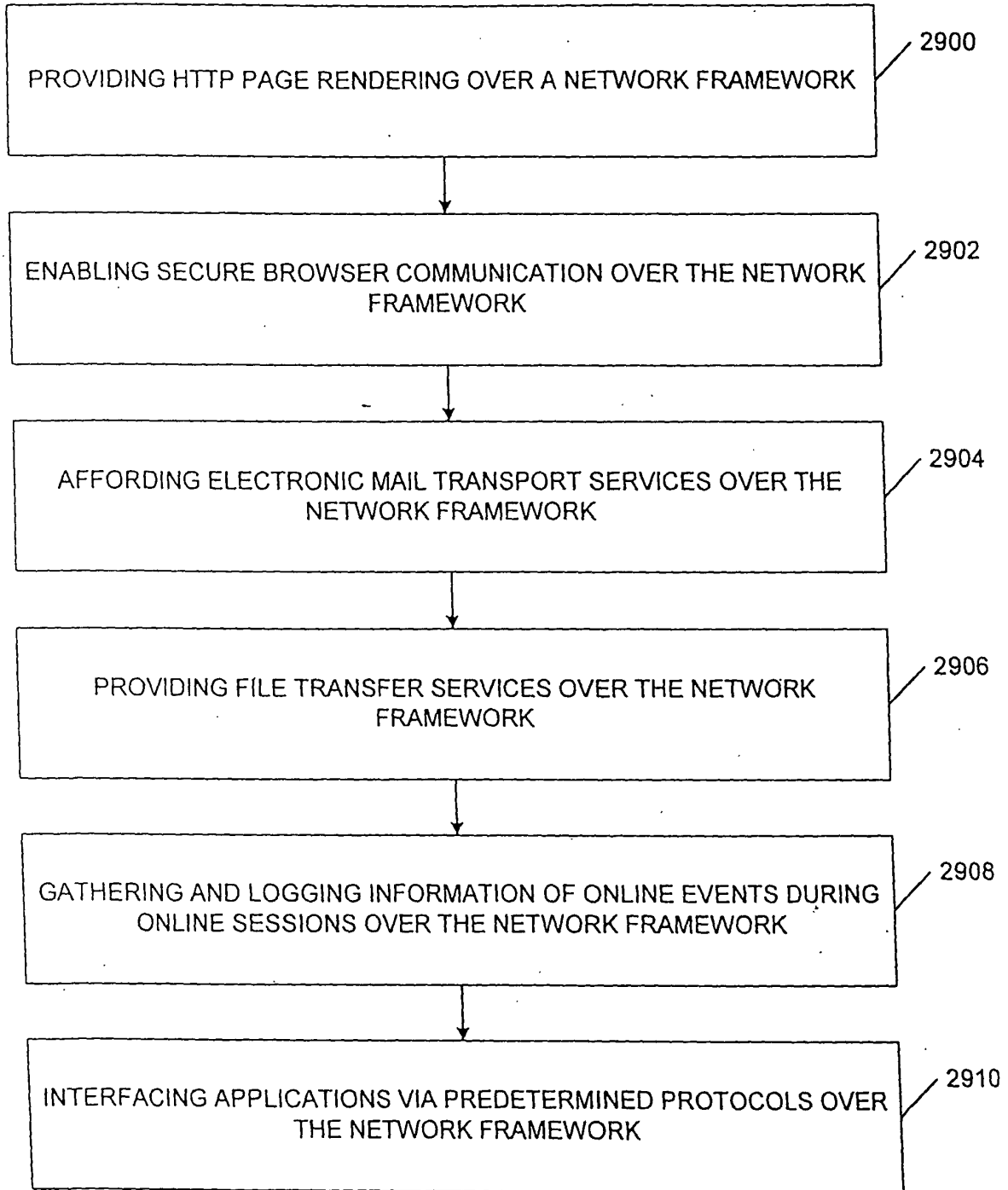
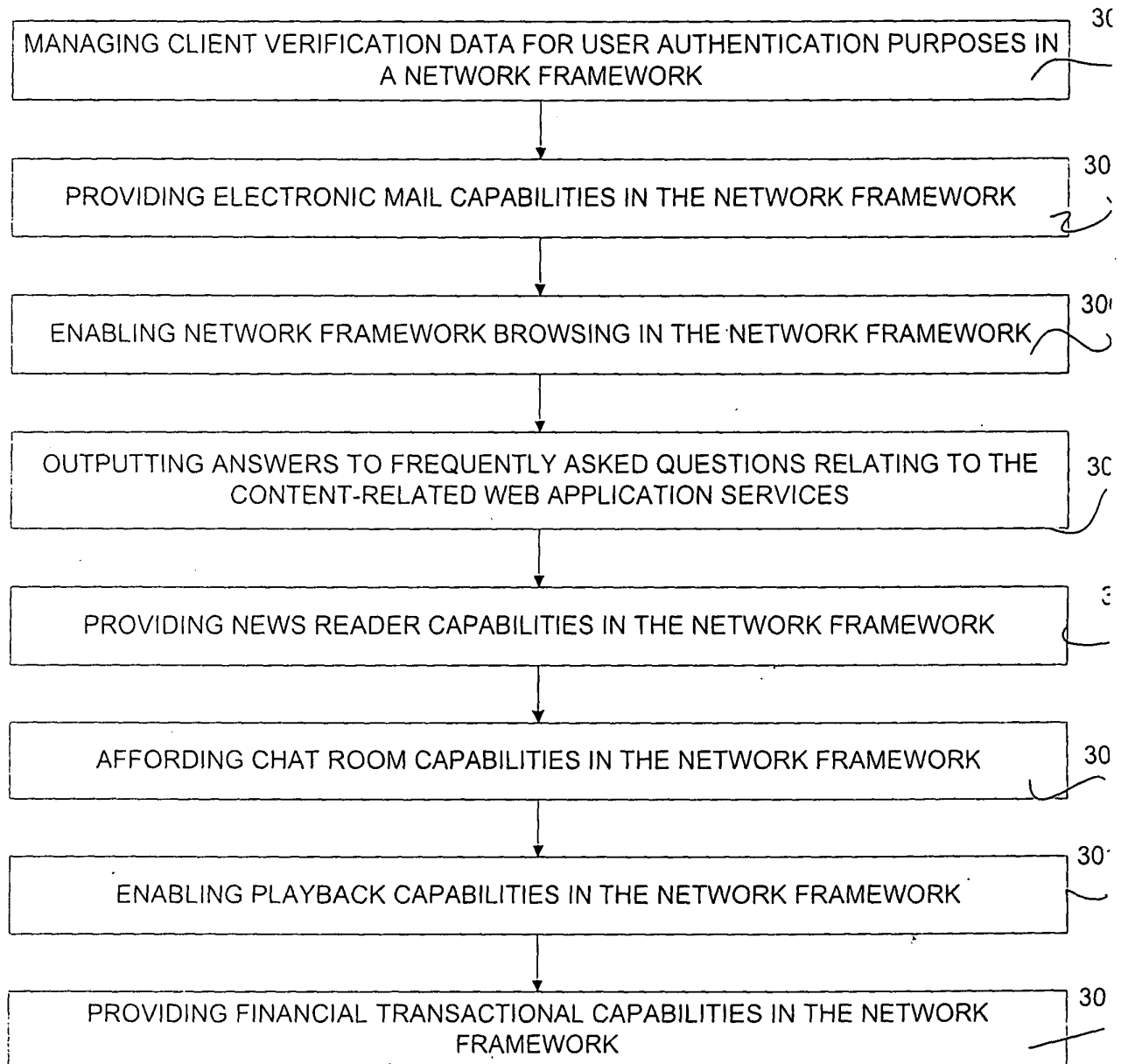


Figure 29



1420

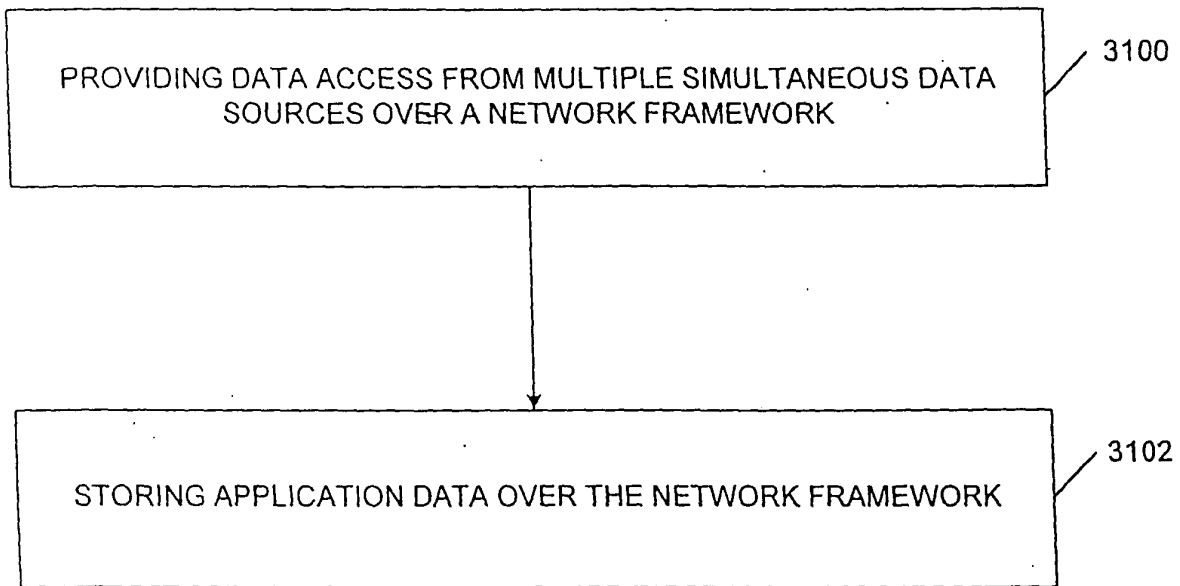
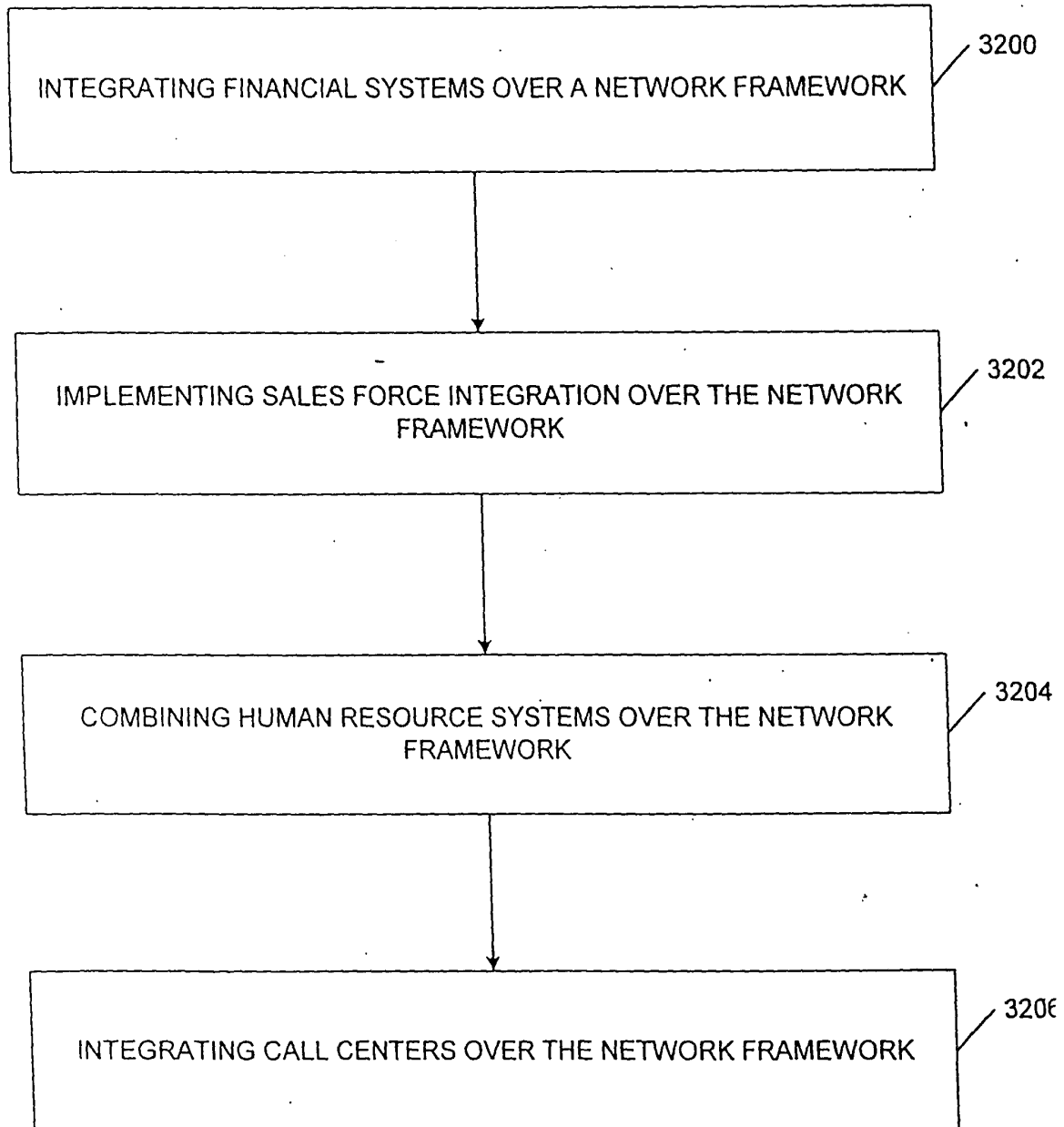


Figure 31 92

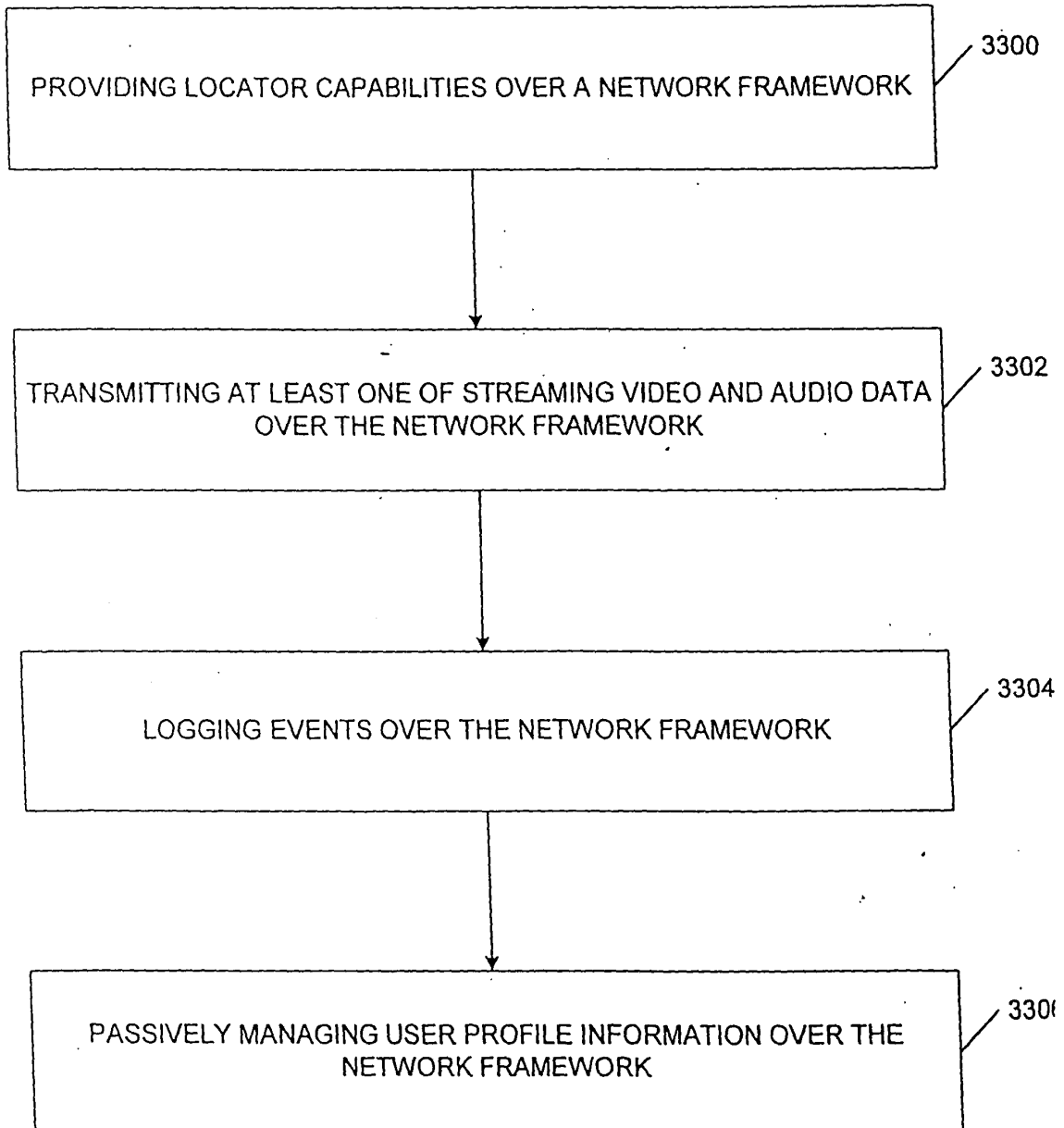
1424



1422

Figure 32

93



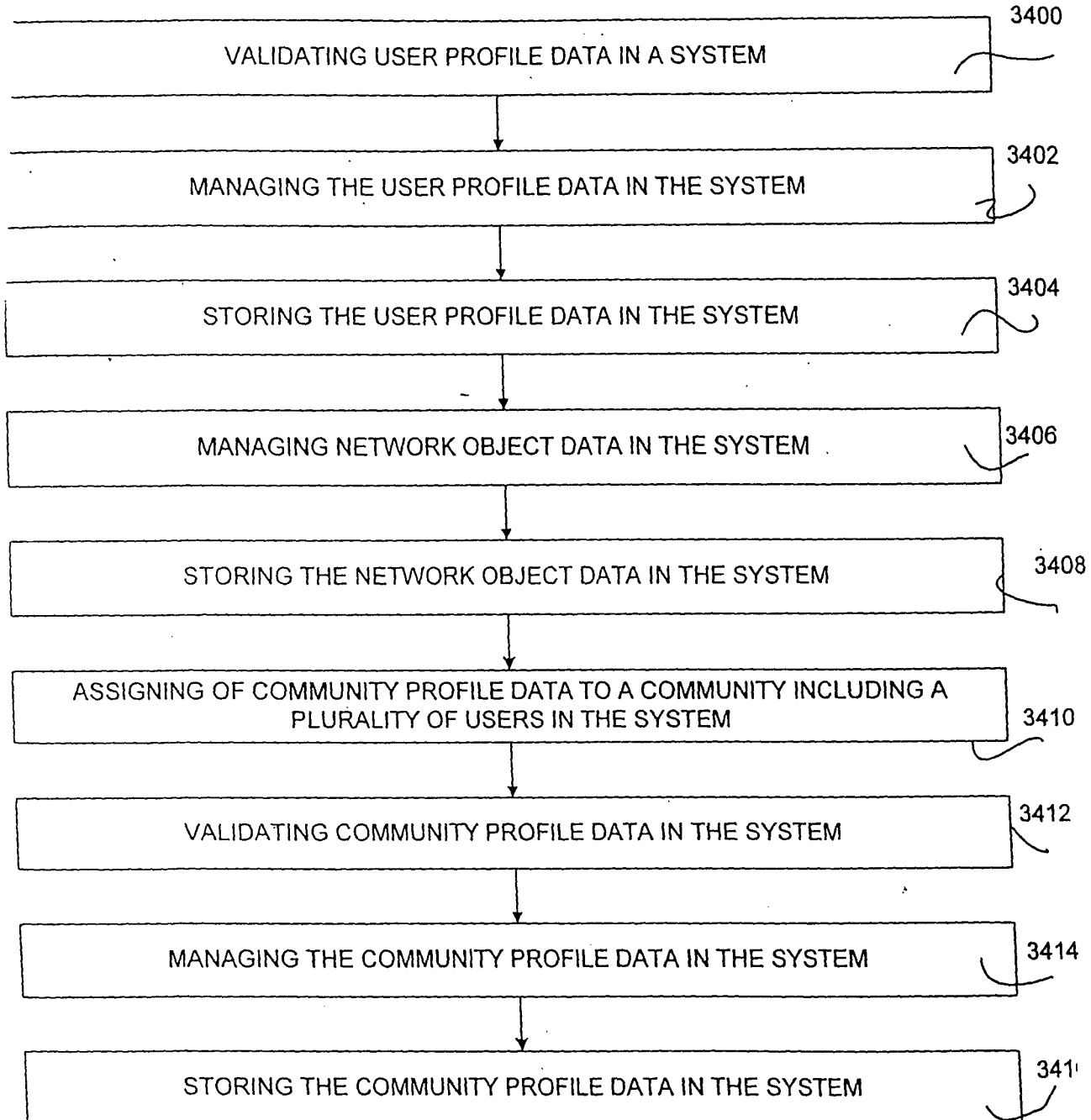
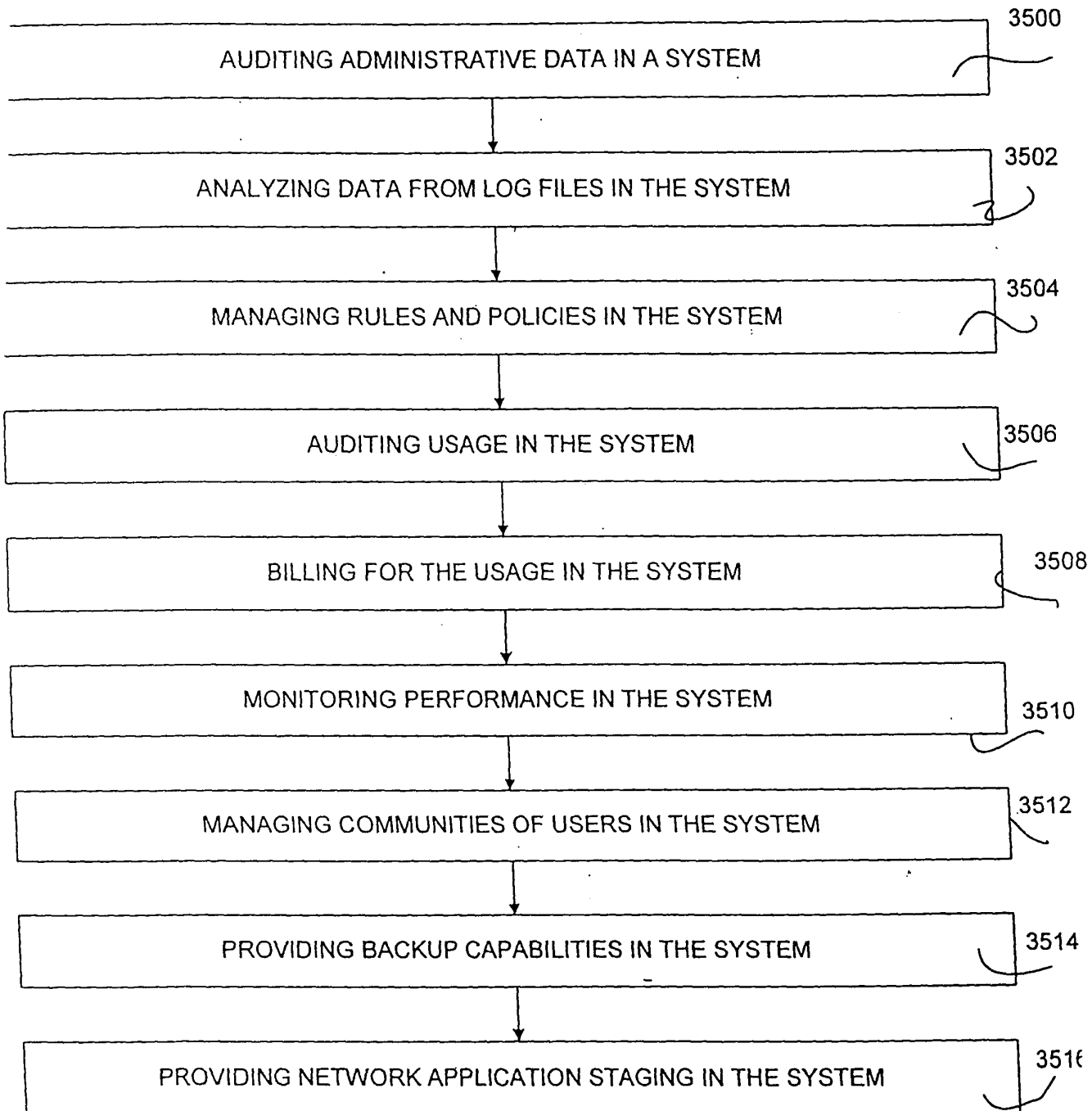
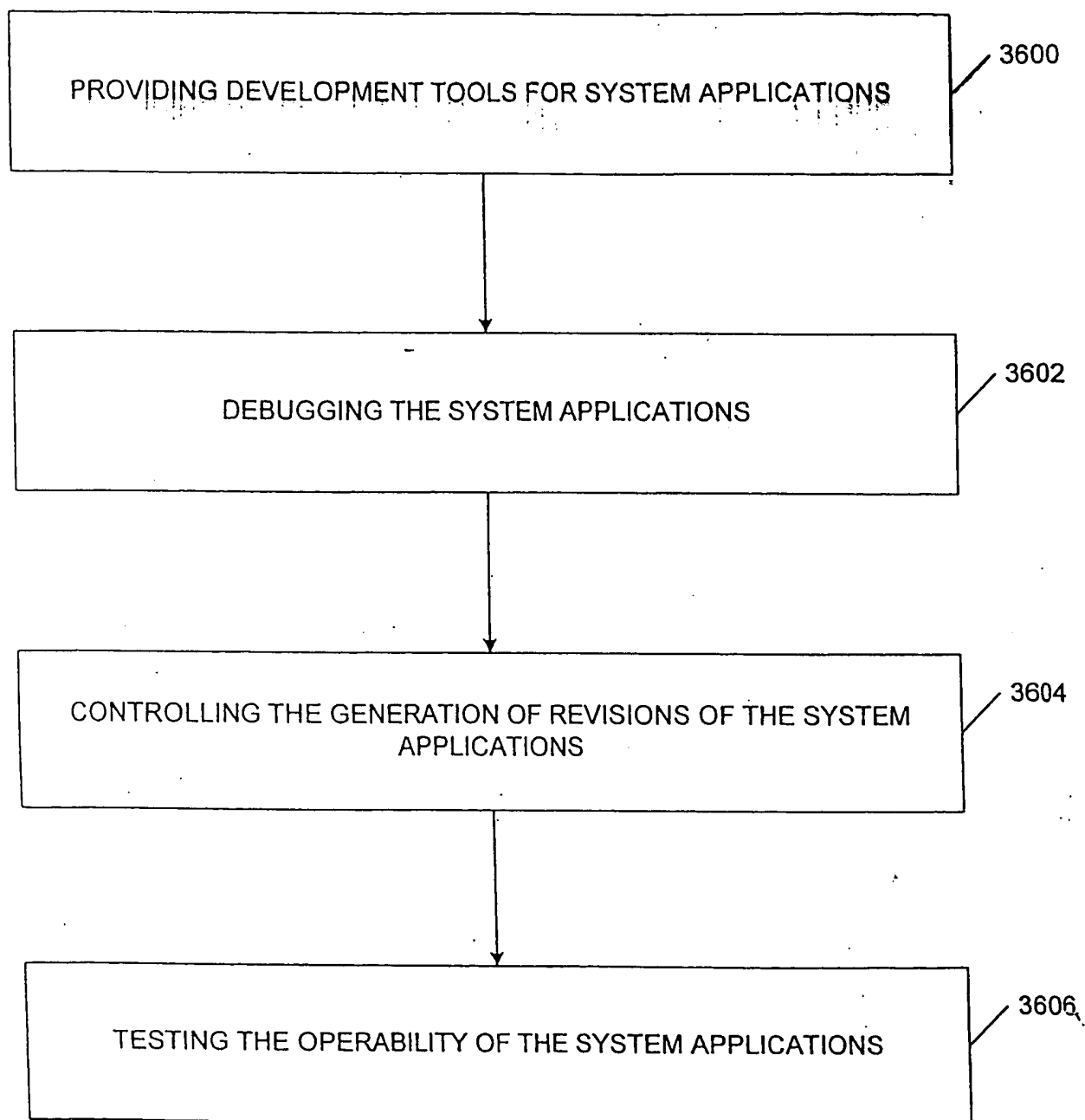


Figure 95  
34







1432

Figure 36

97